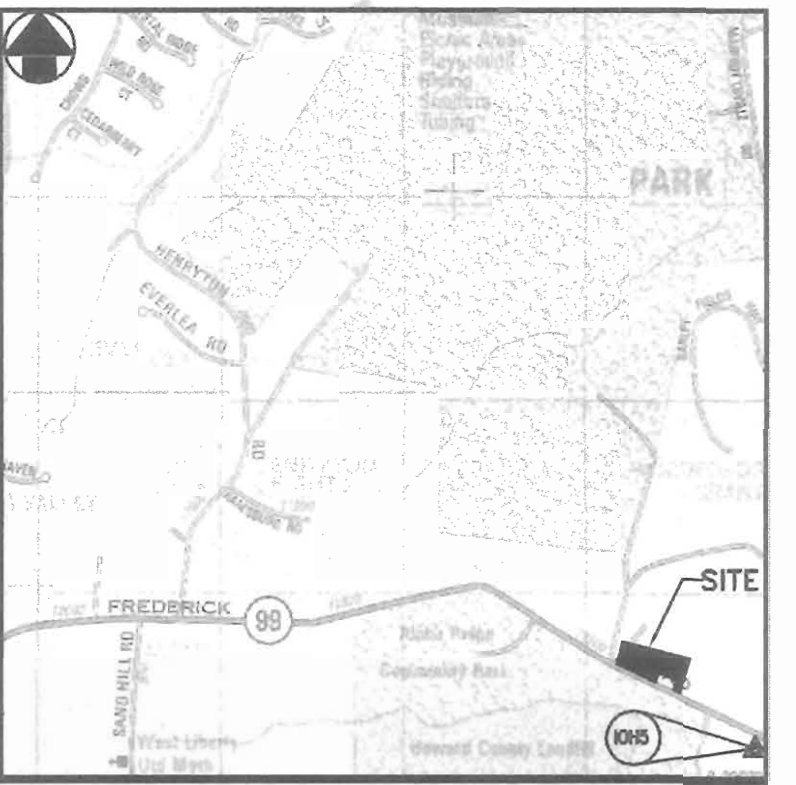


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PERMITTED USE NO. 20402106  
MAP No. 5 GRID K-13



**GENERAL NOTES**

- BEFORE THE START OF CONSTRUCTION, THE CONTRACTOR IS TO VERIFY THE LOCATION OF EXISTING UTILITIES BY CONTACTING "MISS UTILITY" (1-800-257-7777).
- THE CONTRACTOR SHALL BE RESPONSIBLE FOR ANY DAMAGE TO AND MAINTENANCE AND PROTECTION OF EXISTING UTILITIES AND STRUCTURES.
- WHERE REQUIRED BY ENCOUNTERED SPRINGS OR OTHER SEEPAGE CONDITIONS, UNDERDRAIN LINES SHALL BE INSTALLED USING 6-INCH DIAMETER PERFORATED UNDERDRAIN PIPE MEETING HOWARD COUNTY STANDARD SPECIFICATIONS.
- ALL DISTURBED AREAS AS A RESULT OF ROADWAY AND STORM DRAIN CONSTRUCTION SHALL BE SEEDED AND MULCHED WITHIN FOURTEEN (14) DAYS AFTER COMPLETION.
- AN EASEMENT WILL BE RECORDED FOR THE CONSTRUCTION OF THE PARKING LOT ACROSS PROPERTY LINES.
- THE COORDINATES SHOWN HEREON ARE BASED UPON THE HOWARD COUNTY GEODETIC CONTROL THAT IS BASED UPON THE MARYLAND STATE PLANE COORDINATE SYSTEM. HOWARD COUNTY MONUMENT NOS. IOHS AND IOHA WERE USED FOR THIS PROJECT.
- ALL CONSTRUCTION SHALL BE IN ACCORDANCE WITH THE LATEST STANDARDS AND SPECIFICATIONS OF HOWARD COUNTY PLUS MSHA STANDARDS AND SPECIFICATIONS IF APPLICABLE.
- THE CONTRACTOR SHALL NOTIFY THE DEPARTMENT OF PUBLIC WORKS/BUREAU OF ENGINEERING/CONSTRUCTION INSPECTION DIVISION AT (410) 313-1880 AT LEAST FIVE (5) WORKING DAYS PRIOR TO THE START OF WORK.
- TRAFFIC CONTROL DEVICES, MARKINGS AND SIGNING SHALL BE IN ACCORDANCE WITH THE LATEST EDITION OF THE MANUAL OF UNIFORM TRAFFIC CONTROL DEVICES (MUTCD). ALL STREET AND REGULATORY SIGNS SHALL BE IN PLACE PRIOR TO THE PLACEMENT OF ANY ASPHALT.
- ALL PLAN DIMENSIONS ARE TO THE FACE OF CURB UNLESS OTHERWISE NOTED.
- WATER IS PROVIDED BY A PRIVATE WELL.
- THE SITE UTILIZES AN ON-SITE SEWAGE DISPOSAL SYSTEM.
- STORMWATER MANAGEMENT FOR THE SITE IS ADDRESSED AS FOLLOWS: CHANNEL PROTECTION VOLUMES IS NOT REQUIRED FOR THE SITE AS THE ONE YEAR POST DEVELOPMENT DISCHARGE IS LESS THAN 2 CFS. WATER QUALITY AND GROUNDWATER RECHARGE ARE ADDRESSED UTILIZING THE ENVIRONMENTALLY SENSITIVE CREDIT. ANY FURTHER DEVELOPMENT OF THIS SITE WILL REQUIRE THE RE-EVALUATION OF QUANTITY MANAGEMENT AND USE OF THE ENVIRONMENTALLY SENSITIVE CREDIT WILL BE PROHIBITED.
- THE EXISTING UTILITIES ARE BASED ON FIELD RUN TOPOGRAPHY. THE LOCATION AND ELEVATION OF ALL UTILITIES SHALL BE TEST PITTED PRIOR TO CONSTRUCTION.
- THE SUBJECT PROPERTY IS ZONED RC-DEO PER THE 2/2/04 COMPREHENSIVE ZONING PLAN.
- THERE IS NO FLOODPLAIN ON THIS SITE.
- THERE ARE NO WETLANDS ON THE SITE WITHIN THE PROPOSED DEVELOPMENT AREA.
- THIS PLAN IS SUBJECT TO THE REQUIREMENTS OF THE AMENDED FIFTH EDITION OF THE SUBDIVISION AND LAND DEVELOPMENT REGULATIONS.
- PREVIOUS DEPARTMENT OF PLANNING AND ZONING REFERENCES ARE BA 03-055.
- THE CONDITIONAL USE FOR A STRUCTURE USED PRIMARILY FOR RELIGIOUS ACTIVITIES IN A RC-DEO ZONING DISTRICT, PER BOARD OF APPEALS CASE NO. 03-055C WAS GRANTED ON 3/15/2004 SUBJECT TO THE FOLLOWING CONDITIONS:
  - THE PETITIONER MUST EXPAND THE PARKING AREA AS NECESSARY TO ACCOMMODATE NINE PARKING SPACES.
  - THE PETITIONER MUST INSTALL A TYPE "E" OR EQUIVALENT LANDSCAPE BUFFER BETWEEN THE PARKING AREA AND THE NORTHERN LOT LINE.
  - THE EXISTING SITE LIGHTING CONSISTS OF DUAL 75 WATT FLOODLIGHTS AT THE WEST CORNERS OF THE HOUSE THAT ARE DIRECTED TOWARDS THE GROUND. ALL EXTERIOR ILLUMINATION SHALL BE DIRECTED DOWNWARD AND AWAY FROM ALL ADJACENT PROPERTIES.
  - FOREST CONSERVATION FOR THE SITE WILL BE ADDRESSED THROUGH PAYMENT OF A FEE-IN-LIEU FOR 0.75 ACRES OF AFFORESTATION IN THE AMOUNT OF \$16,355.
  - THE PLAN HAS BEEN PREPARED IN ACCORDANCE WITH THE PROVISIONS OF SECTION 16.124 OF THE HOWARD COUNTY CODE AND THE LANDSCAPE MANUAL.
  - A LANDSCAPE SURETY IN THE AMOUNT OF \$18,090 HAS BEEN INCLUDED WITH THE DEVELOPER'S AGREEMENT.

**SITE ANALYSIS DATA CHART**

- TOTAL PROJECT AREA: 5.00 AC±
- AREA OF PLAN SUBMISSION: 0.87± ACRES
- EXISTING USE: RESIDENTIAL/RELIGIOUS ACTIVITIES
- PROPOSED USE: RESIDENTIAL/RELIGIOUS ACTIVITIES
- EXISTING BUILDING COVERAGE: 2,936 S.F. (1.3% COVERAGE)
- PROPOSED BUILDING COVERAGE: 3,094 S.F. (1.4% COVERAGE)
- PARKING COMPUTATIONS:
  - NUMBER OF PARKING SPACES REQUIRED: 10 SPACE PER 1,000 S.F. OF ASSEMBLY AREA
  - 870 S.F. ASSEMBLY AREA = 9 SPACES W/ 1 HC SPACE
- EXISTING PARKING SPACES: N/A. AREA NOT STRIPED
- PROPOSED PARKING SPACES: 13 SPACES W/ 1 HC SPACE
- LIMIT OF DISTURBED AREA: 0.78± ACRES
- EXISTING ZONING: RC-DEO
- ADDITIONAL IMPERVIOUS AREA: 20,909± S.F.

**INDEX OF DRAWINGS**

SHT. NO.	DESCRIPTION
1	SITE PLAN
2	SITE, PROFILES, DETAILS AND SWM D.A. MAP
3	SEDIMENT & EROSION CONTROL PLAN
4	SEDIMENT AND EROSION CONTROL NOTES & DETAILS
5	FINAL LANDSCAPE PLAN

**ADDRESS CHART**

Lot/Parcel #	Street Address
LOT 1	11424 OLD FREDERICK ROAD

**PERMIT INFORMATION CHART**

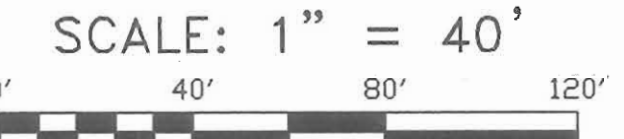
Subdivision Name	Section/Area	Lot/Parcel No.
		1 / 272
Plat # or L/F	Grid #	Zoning
25/64	21	RC-DEO
Tax Map No.	Election District	Census Tract
10	3	6030
Water Code	Sewer Code	
PRIVATE	PRIVATE	

**BENCH MARKS**

- |   |   |
|---|---|
| IOHS<br>BRASS DISC IN CONC.<br>N 601,201.818<br>E 1,339,637.671<br>ELEV. 522.71 | IOHA<br>BRASS DISC IN CONC.<br>N 601,206.599<br>E 1,340,912.362<br>ELEV. 484.01 |
|---|---|

**NOTES:**

- THE EXISTING FEATURES WITHIN THE DEVELOPMENT ENVELOPE ON THIS DRAWING WERE GENERATED FROM FIELD TOPOGRAPHY COMPLETED BY BRIAN R. DIETZ, PROFESSIONAL LAND SURVEYOR ON 10/22/2004.
- BOUNDARY INFORMATION PROVIDED BY BRIAN R. DIETZ, PROFESSIONAL LAND SURVEYOR.



**SEPTIC NOTE**

THE SOILS IN THE AREA OF THE SEPTIC RESERVE WERE RE-EVALUATED AND DETERMINED ACCEPTABLE FOR THE SEPTIC SYSTEM. THE SEPTIC SYSTEM HAS BEEN EVALUATED AND UPDATED TO SUPPORT A THREE BEDROOM HOME AND 30 CHURCH PATRONS.

**TRAFFIC CONTROL NOTES**

- ALL ROAD WORK SHALL BE IN ACCORDANCE WITH MARYLAND SHA STANDARDS 104.04 AND 104.31 FOR TRAFFIC CONTROL.
- PAVEMENT MARKINGS IN OLD FREDERICK ROAD SHALL BE MODIFIED OR INSTALLED AS DIRECTED BY THE STATE INSPECTOR.

APPROVED: DEPARTMENT OF PLANNING AND ZONING

Chief, Development Engineering Division: *[Signature]* Date: 11/2/05

Chief, Division of Land Development: *[Signature]* Date: 12/20/05

Director: *[Signature]* Date: 12/21/05

APPROVED: FOR PRIVATE WATER AND PRIVATE SEWER SYSTEMS

County Health Officer: *[Signature]* Date: 12/16/05

Howard County Health Department

**Richardson Engineering, LLC**

110 Old Padonia Road, Suite LC  
Cockeysville, Maryland 21030  
Phone: 410-560-1502 Fax: 410-560-0827

STATE OF MARYLAND  
BRIAN R. DIETZ  
PROFESSIONAL LAND SURVEYOR

**OWNERS/DEVELOPERS**

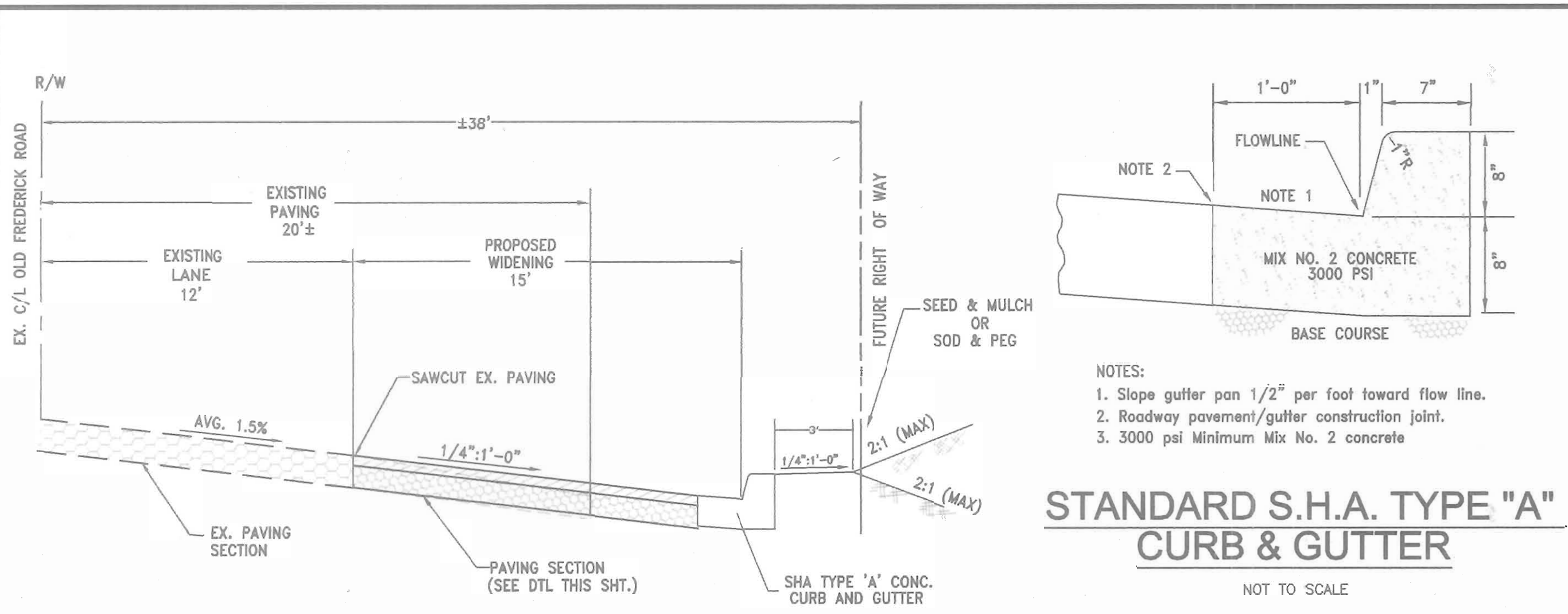
DALL YONG LEE & SOO LEE  
11424 OLD FREDERICK ROAD  
MARRIOTTVILLE, MARYLAND 21104  
PHONE: 410-442-1983

**HOSANNA BAPTIST CHURCH (PARKING LOT ADDITION) SITE DEVELOPMENT PLANS SITE MAP**

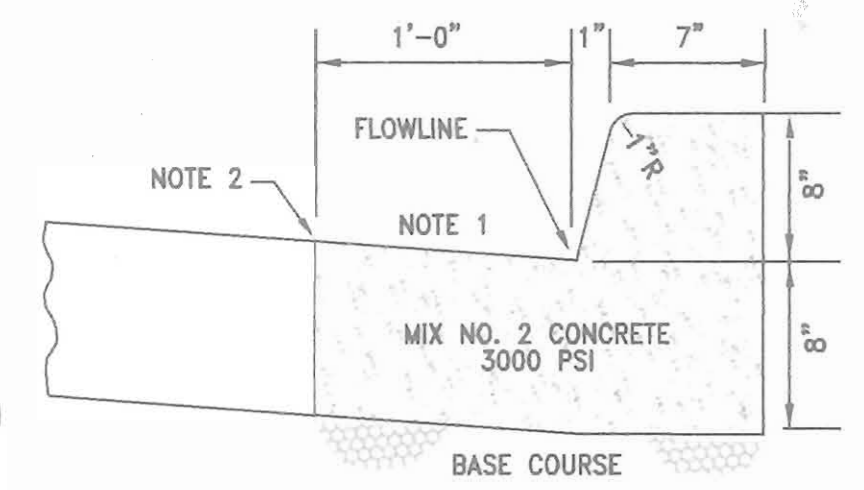
THIRD ELECTION DISTRICT HOWARD COUNTY, MARYLAND

DESIGNED BY: J.P.D.	SCALE: AS SHOWN	TAX MAP: 10	A.D.C. MAP: 5	JOB #: 04083	SHEET: 1
DRAWN BY: J.P.D.	DEED REF: 3000/463	GRID: 21	PLAY REF: 25/64	FILES: D:\JOBS\2004\04083\DRAWINGS\SHEET1.dwg	NO. OF: 5
CHECKED BY: J.P.D.		PARCEL: 272			

DRAWING COMPLETED: 10-19-05

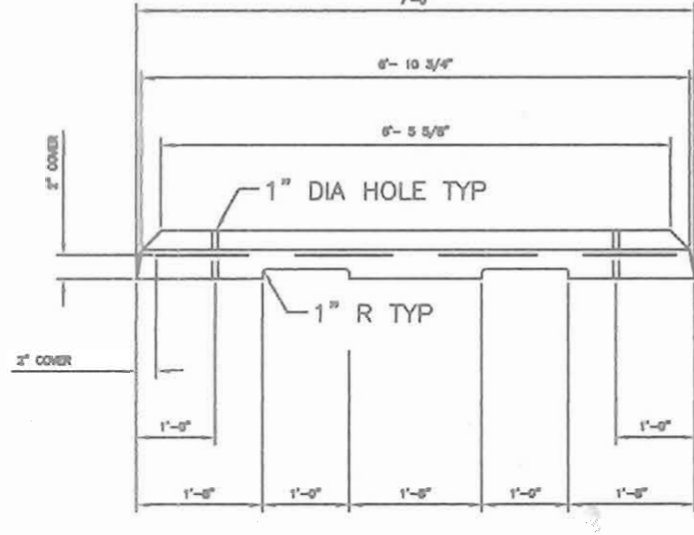


TYPICAL WIDENING SECTION  
NOT TO SCALE

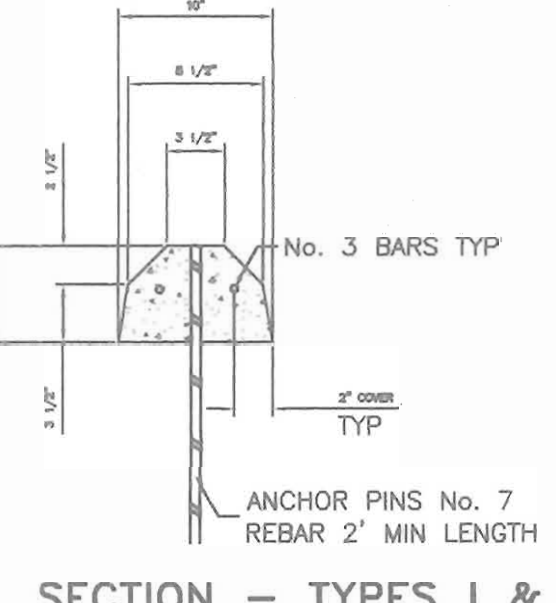


STANDARD S.H.A. TYPE "A"  
CURB & GUTTER  
NOT TO SCALE

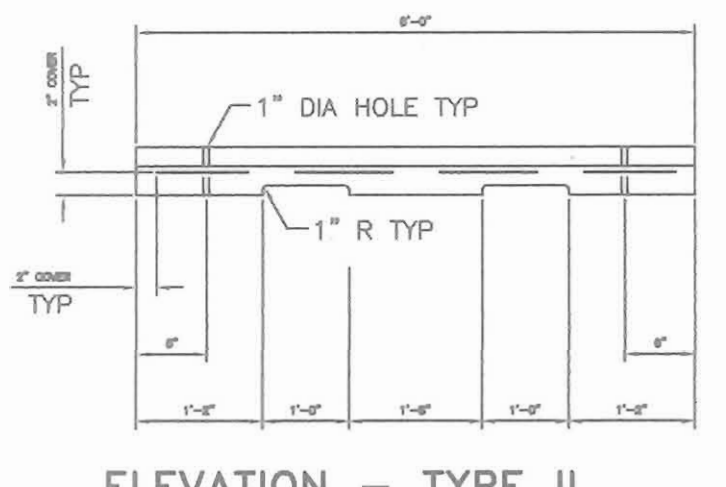
- NOTES:
- Slope gutter pan 1/2" per foot toward flow line.
  - Roadway pavement/gutter construction joint.
  - 3000 psi Minimum Mix No. 2 concrete



ELEVATION - TYPE I



TYP. SECTION - TYPES I & II

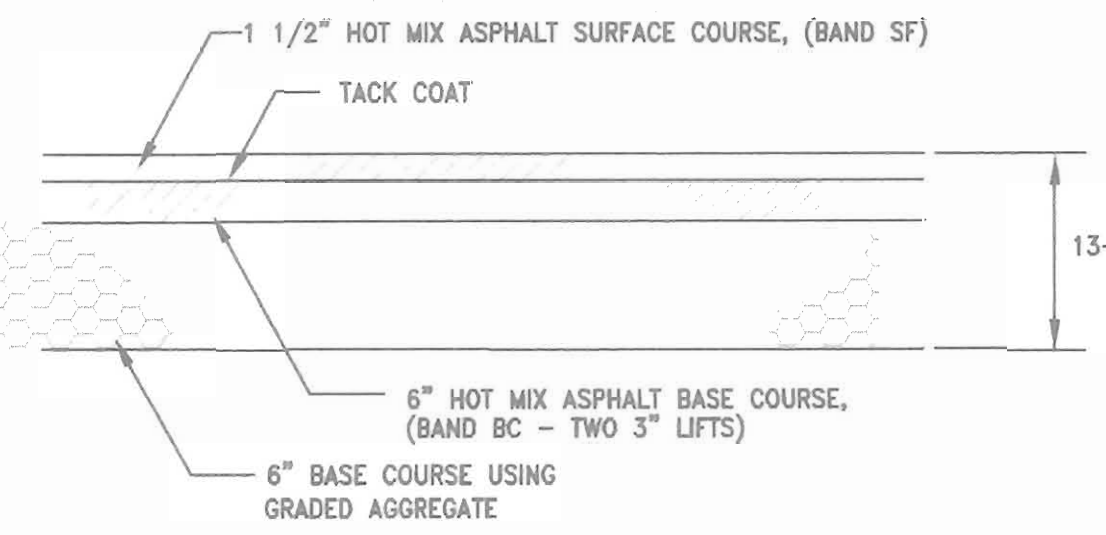


ELEVATION - TYPE II

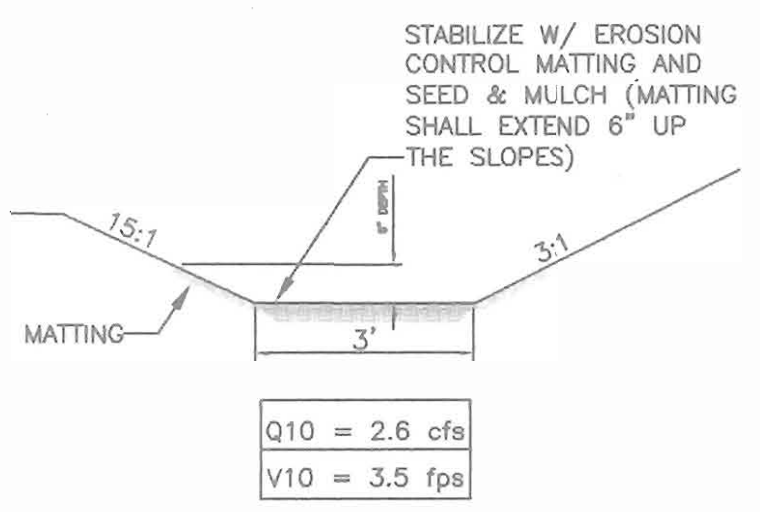
CONCRETE WHEELSTOP  
NOT TO SCALE

OPTIONAL SHA PAVING SECTIONS:

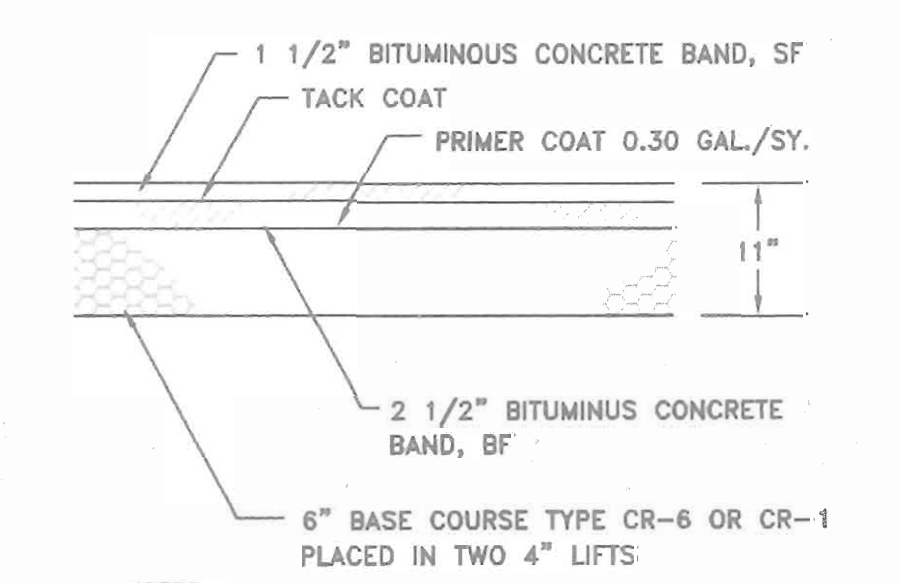
- AS SHOWN
- 1 1/2" HOT MIX ASPHALT SURFACE COURSE, (BAND SF)  
6" HOT MIX ASPHALT BASE COURSE, (BAND BC)  
7" BASE COURSE USING BANK RUN GRAVEL-BASE AGGREGATE  
PLACED IN TWO LIFTS (3" ON 4")
- 1 1/2" HOT MIX ASPHALT SURFACE COURSE, (BAND SF)  
6" HOT MIX ASPHALT BASE COURSE, (BAND FC-TWO 3" LIFTS)  
12" CAPPING BORROW



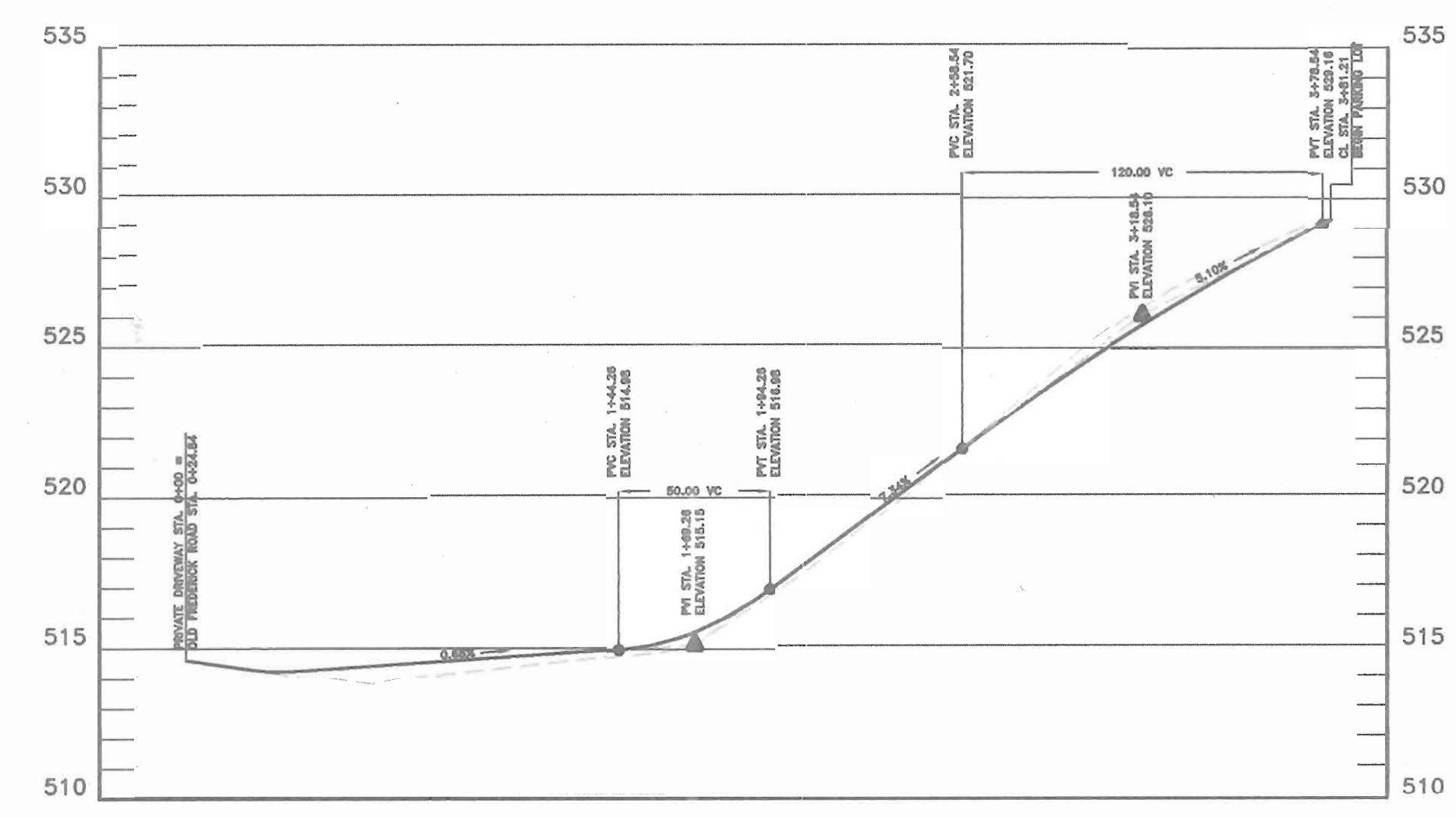
SHA STD. HEAVY DUTY  
PAVING SECTION  
NOT TO SCALE



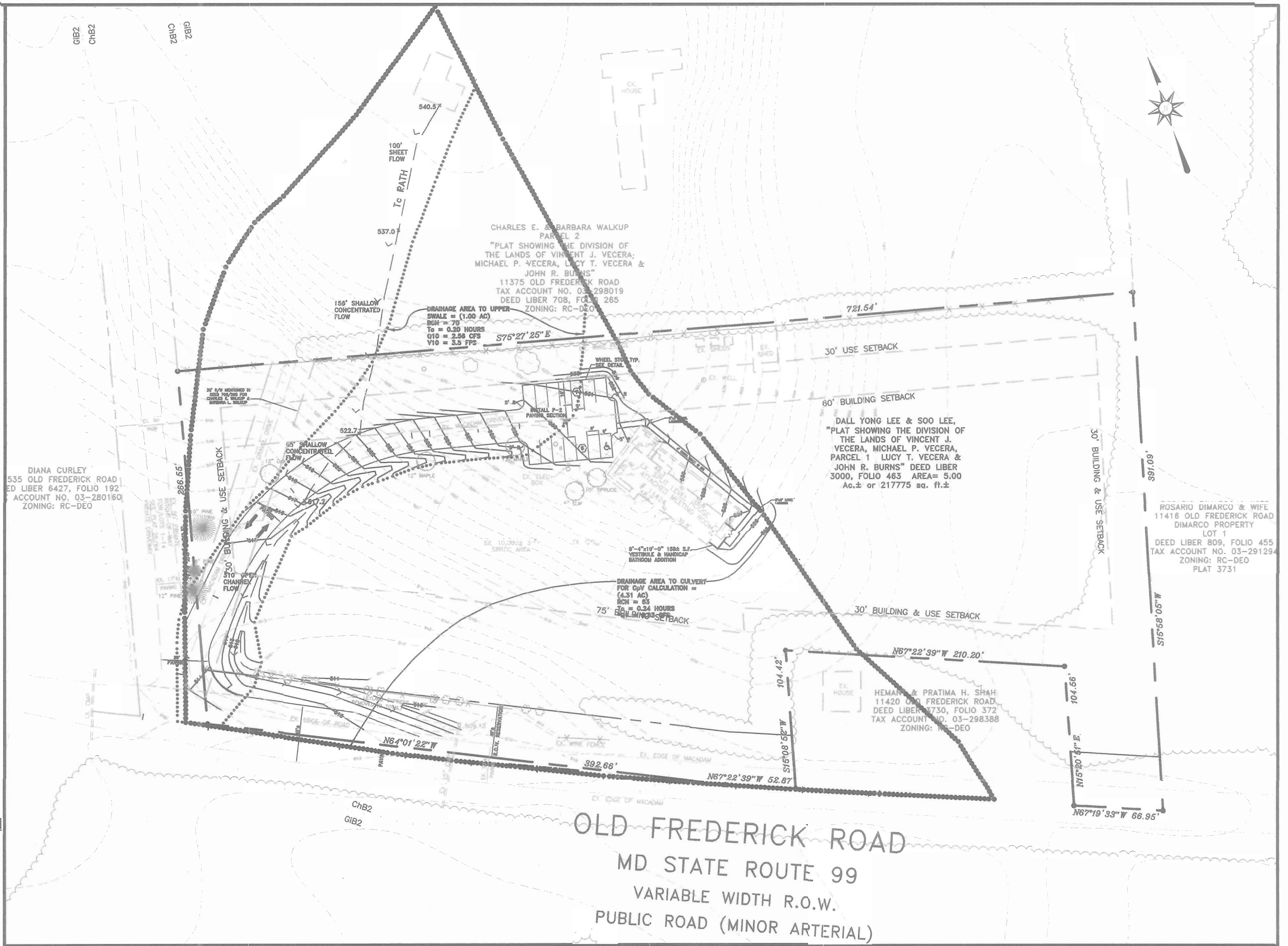
SECTION THROUGH  
SWALE  
NOT TO SCALE



ON-SITE PAVING SECTION  
NOT TO SCALE



DRIVEWAY PROFILE  
SCALE: HORZ. 1" = 50'  
VERT. 1" = 5'



OLD FREDERICK ROAD  
MD STATE ROUTE 99  
VARIABLE WIDTH R.O.W.  
PUBLIC ROAD (MINOR ARTERIAL)

SCALE: 1" = 50'

ALL SOILS ON THE SITE ARE HYDROLOGIC SOIL GROUP 'B'.

STORMWATER MANAGEMENT SUMMARY						
SITE ACREAGE	CpV D.A. (ACRES)	Rev (CU FT)	WQv (CU FT)	Cpv (CU FT)	10-YR (CFS)	100-YR (CFS)
5.00	4.31	*CREDIT	*CREDIT	NOT REQ'D	CONVEYED SAFELY	NOT REQ'D

\*THE ENVIRONMENTALLY SENSITIVE DEVELOPMENT CREDIT HAS BEEN UTILIZED TO ADDRESS WATER QUALITY AND GROUNDWATER RECHARGE. ANY FURTHER DEVELOPMENT OF THE SITE WILL REQUIRE A RE-EVALUATION OF THE SITE FOR QUANTITY MANAGEMENT AND USE OF THE ENVIRONMENTALLY SENSITIVE CREDIT SHALL BE PROHIBITED.

APPROVED: DEPARTMENT OF PLANNING AND ZONING  
 Chief, Development Engineering Division: *[Signature]* Date: 11/2/05  
 Chief, Division of Land Development: *[Signature]* Date: 12/20/05  
 Director: *[Signature]* Date: 12/21/05  
 APPROVED: FOR PRIVATE WATER AND PRIVATE SEWER SYSTEMS  
 County Health Officer: *[Signature]* Date: 12/16/05  
 Howard County Health Department

**Richardson Engineering, LLC**  
 110 Old Padonia Road, Suite LC  
 Cockeysville, Maryland 21030  
 Phone: 410-560-1502 Fax: 410-560-0827



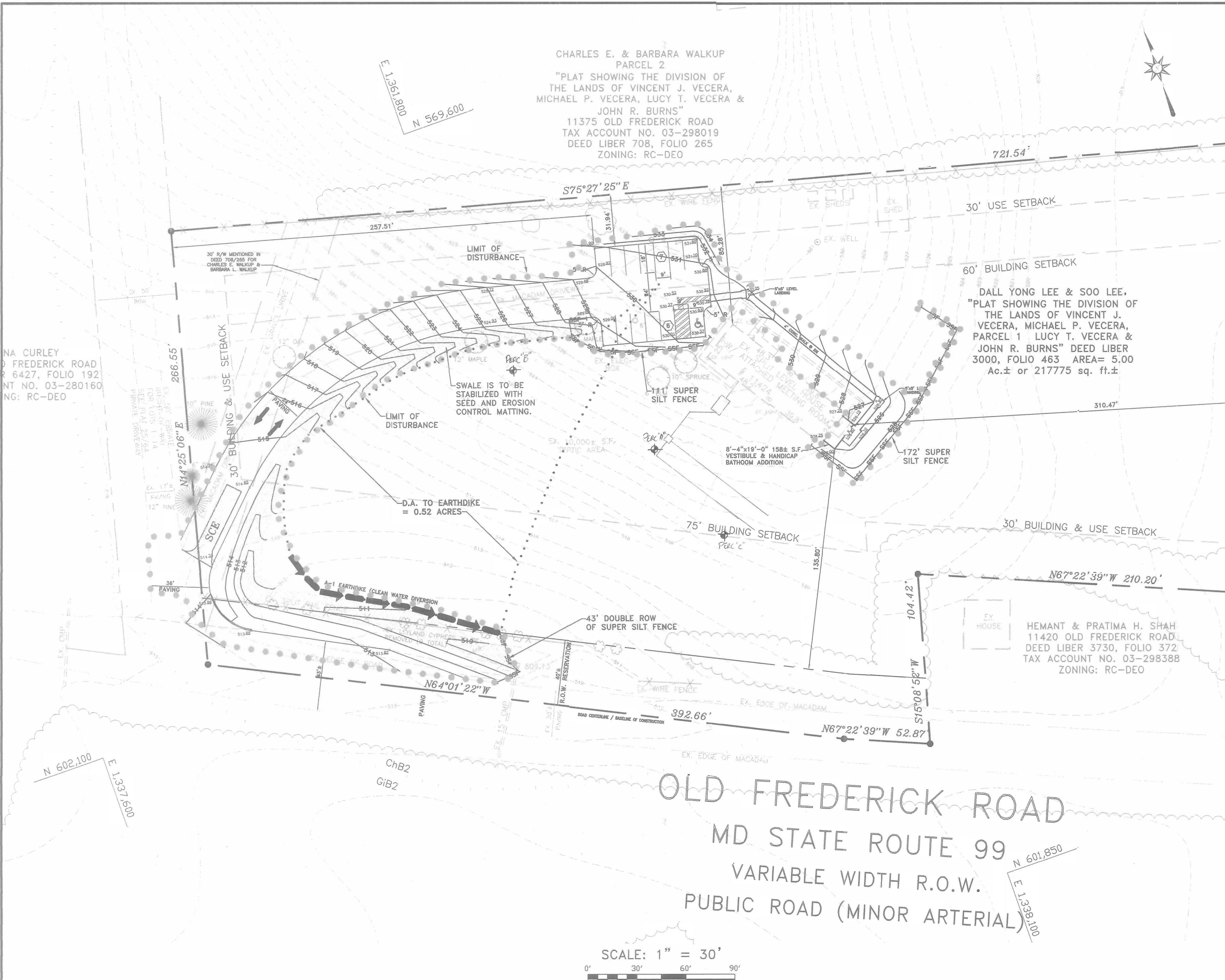
OWNERS/DEVELOPERS  
 DALL YONG LEE & SOO LEE  
 11424 OLD FREDERICK ROAD  
 MARRIOTTVILLE, MARYLAND 21104  
 PHONE: 410-442-1983

HOSANNA BAPTIST CHURCH  
 (PARKING LOT ADDITION)  
 SITE DEVELOPMENT PLANS  
 SITE PROFILES, DETAILS & SWM D.A. MAP  
 THIRD ELECTION DISTRICT HOWARD COUNTY, MARYLAND

DATE	REVISION	BY

DRAWING COMPLETED: 10-18-05

DESIGNED BY: J.P.D.	SCALE: AS SHOWN	TAX MAP: 10	A.D.C. MAP 5 GRID K-13	JOB # 04063	SHEET
DRAWN BY: J.P.D.	DEED REF. 3000/463	GRID 21	PLAT REF. 25/64	FILES: D:\JOB\3000\04063\DRAWINGS\SHEET2.dwg	NO. 2
CHECKED BY: J.P.D.		PARCEL 272			OF 5

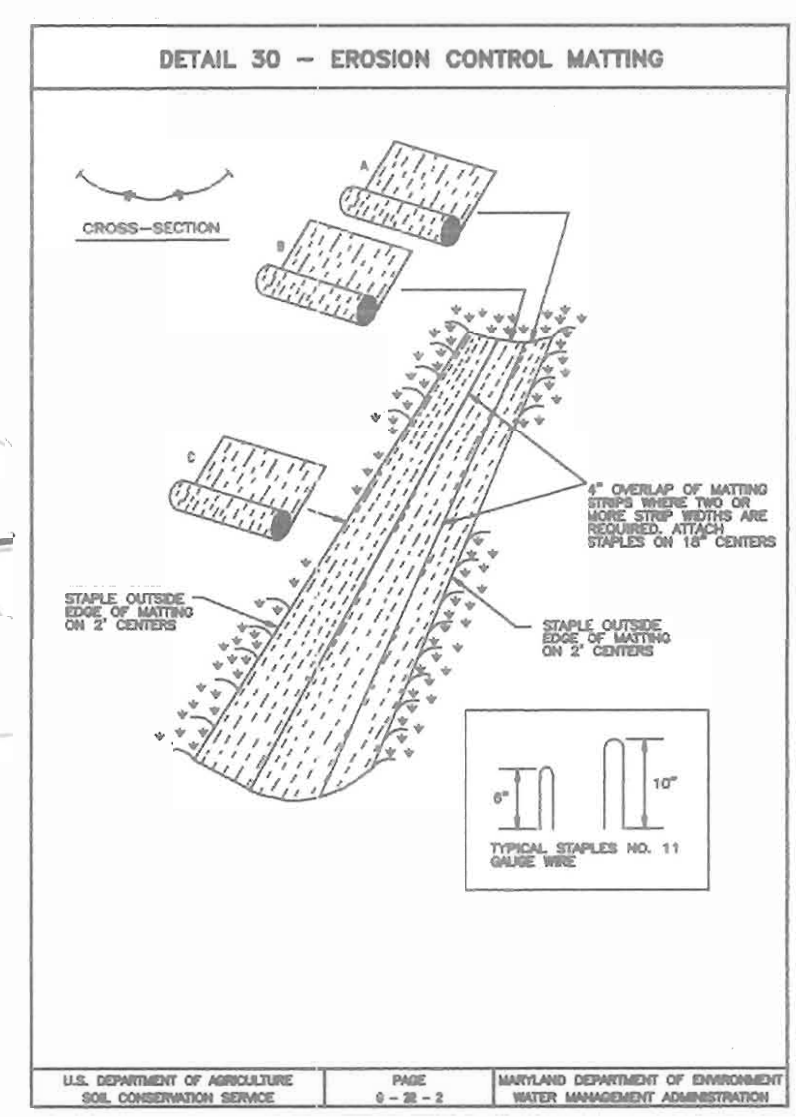


NA CURLEY  
 11424 OLD FREDERICK ROAD  
 DEED LIBER 708, FOLIO 192  
 TAX ACCOUNT NO. 03-280160  
 ZONING: RC-DEO

CHARLES E. & BARBARA WALKUP  
 PARCEL 2  
 "PLAT SHOWING THE DIVISION OF  
 THE LANDS OF VINCENT J. VECERA,  
 MICHAEL P. VECERA, LUCY T. VECERA &  
 JOHN R. BURNS"  
 11375 OLD FREDERICK ROAD  
 TAX ACCOUNT NO. 03-298019  
 DEED LIBER 708, FOLIO 265  
 ZONING: RC-DEO

DALL YONG LEE & SOO LEE,  
 "PLAT SHOWING THE DIVISION OF  
 THE LANDS OF VINCENT J.  
 VECERA, MICHAEL P. VECERA,  
 LUCY T. VECERA &  
 JOHN R. BURNS" DEED LIBER  
 3000, FOLIO 463 AREA= 5.00  
 Ac.± or 217775 sq. ft.±

HEMANT & PRATIMA H. SHAH  
 11424 OLD FREDERICK ROAD  
 DEED LIBER 3730, FOLIO 372  
 TAX ACCOUNT NO. 03-298388  
 ZONING: RC-DEO



**EROSION CONTROL MATTING**

Construction Specifications

1. Lay-in the matting by placing the top edge of the matting in a narrow trench, 4" in depth. Stake the trench and tamp firmly to conform to the channel cross-section. Secure with a row of staples about 4" down slope from the trench. Spacing between staples is 6".
2. Staple the 4" overlap in the channel center using an 18" spacing between staples.
3. Before stapling the outer edges of the matting, make sure the matting is smooth and is firm contact with the soil.
4. Staples shall be placed 2' apart with 4 rows for each side, 2 outer rows, and 2 alternating rows down the center.
5. Where one roll of matting ends and another begins, the end of the top roll shall overlap the upper end of the lower roll by 4", aligned parallel, fastening the overlap with a double row of staples spaced 6" apart in a staggered pattern on either side.
6. The discharge end of the matting liner should be securely secured with 2 double rows of staples.

Note: If flow will enter from the edge of the matting then the area affected by the flow must be keyed-in.

**ENGINEER'S CERTIFICATE**

"I CERTIFY THAT THIS PLAN FOR SEDIMENT AND EROSION CONTROL REPRESENTS A PRACTICAL AND WORKABLE PLAN BASED ON MY PERSONAL KNOWLEDGE OF THE SITE CONDITIONS AND THAT IT WAS PREPARED IN ACCORDANCE WITH THE REQUIREMENTS OF THE HOWARD SOIL CONSERVATION DISTRICT."

*John P. Demos*  
 JOHN P. DEMOS  
 SIGNATURE OF ENGINEER (Print name below signature) 10/18/05  
 DATE

**DEVELOPER'S CERTIFICATE**

"I/WE CERTIFY THAT ALL DEVELOPMENT AND CONSTRUCTION WILL BE DONE ACCORDING TO THIS PLAN FOR EROSION AND SEDIMENT CONTROL AND THAT ALL RESPONSIBLE PERSONNEL INVOLVED IN THE CONSTRUCTION PROJECT WILL HAVE A CERTIFICATE OF ATTENDANCE AT A DEPARTMENT OF THE ENVIRONMENT APPROVED TRAINING PROGRAM FOR THE CONTROL OF SEDIMENT AND EROSION BEFORE BEGINNING THE PROJECT. I ALSO AUTHORIZE PERIODIC ON-SITE INSPECTION BY THE HOWARD SOIL CONSERVATION DISTRICT."

*Dall Yong Lee*  
 DALL YONG LEE  
 SIGNATURE OF DEVELOPER (Print name below signature) 10/18/05  
 DATE

Reviewed for Howard SCD and meets Technical Requirements

*Jim Majumdar*  
 JIM MAJUMDAR  
 USDA - Natural Resources Conservation Service 10-26-05  
 Date

This development plan is approved for soil erosion and sediment control by the Howard Soil Conservation District.

*Jim Majumdar*  
 JIM MAJUMDAR  
 USDA - Natural Resources Conservation Service 10-26-05  
 Date

**LEGEND**

- - - - - EXISTING CONTOUR
- - - - - EXISTING PAVED AREAS
- - - - - EXISTING BUILDING
- - - - - PROPOSED PAVING
- - - - - PROPOSED CONTOUR
- - - - - SILT FENCE
- - - - - SUPER SILT FENCE
- - - - - LIMIT OF DISTURBANCE
- - - - - EARTH DIKE



APPROVED: DEPARTMENT OF PLANNING AND ZONING

*John P. Demos* 11/21/05  
 Chief, Development Engineering Division  
 Date

*John P. Demos* 12/09/05  
 Chief, Division of Land Development  
 Date

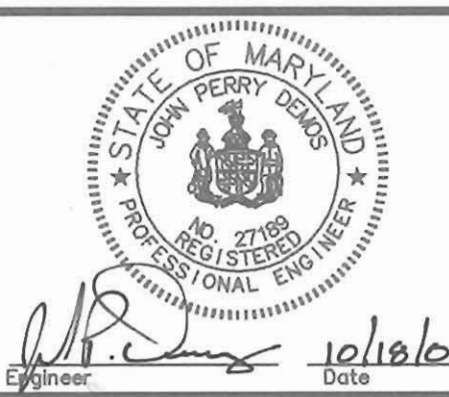
*John P. Demos* 12/23/05  
 Director  
 Date

APPROVED: FOR PRIVATE WATER AND PRIVATE SEWER SYSTEMS

*Richard W. Dahn* 12/16/05  
 County Health Officer  
 Howard County Health Department  
 Date

**Richardson Engineering, LLC**

110 Old Padonia Road, Suite LC  
 Cockeysville, Maryland 21030  
 Phone: 410-560-1502 Fax: 410-560-0827



**OWNERS/DEVELOPERS**

DALL YONG LEE & SOO LEE  
 11424 OLD FREDERICK ROAD  
 MARRIOTTVILLE, MARYLAND 21104  
 PHONE: 410-442-1983

HOSANNA BAPTIST CHURCH  
 (PARKING LOT ADDITION)  
 SITE DEVELOPMENT PLANS  
 SEDIMENT & EROSION CONTROL PLAN  
 THIRD ELECTION DISTRICT HOWARD COUNTY, MARYLAND

DESIGNED BY: J.P.D.  
 DRAWN BY: J.P.D.  
 CHECKED BY: J.P.D.

SCALE AS SHOWN  
 DEED REF. 3000/463

TAX MAP 10  
 GRID 21  
 PARCEL 272

A.D.C. MAP 5  
 GRID K-13  
 PLAT REF. 25/64

DATE	REVISION	BY
10-18-05		

DRAWING COMPLETED: 10-18-05

JOB #	04063	SHEET	3
FILES	D:\JOBS\2004\04063\DRAWINGS\SHEETS.dwg	NO.	3
		OF	5



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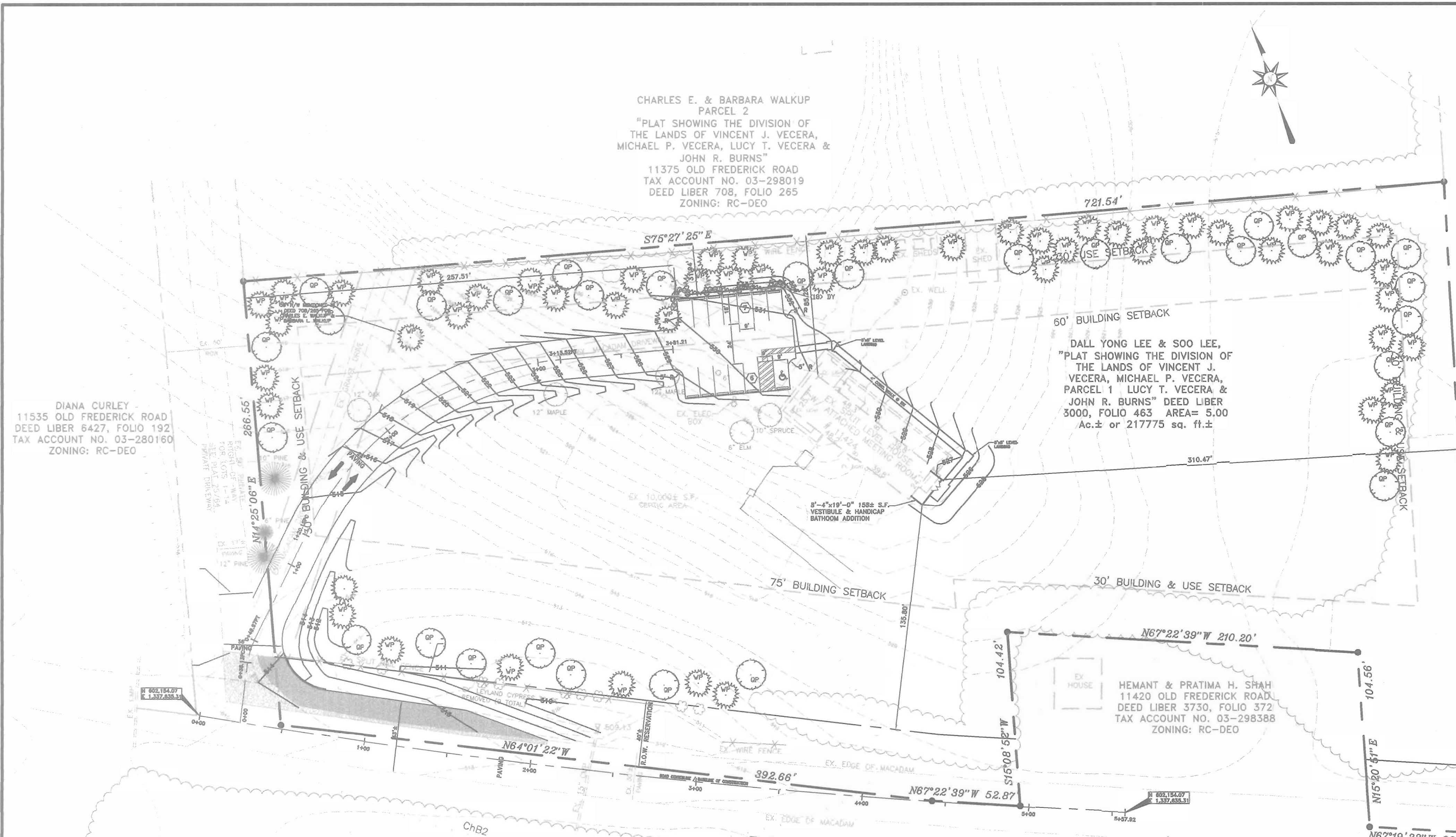
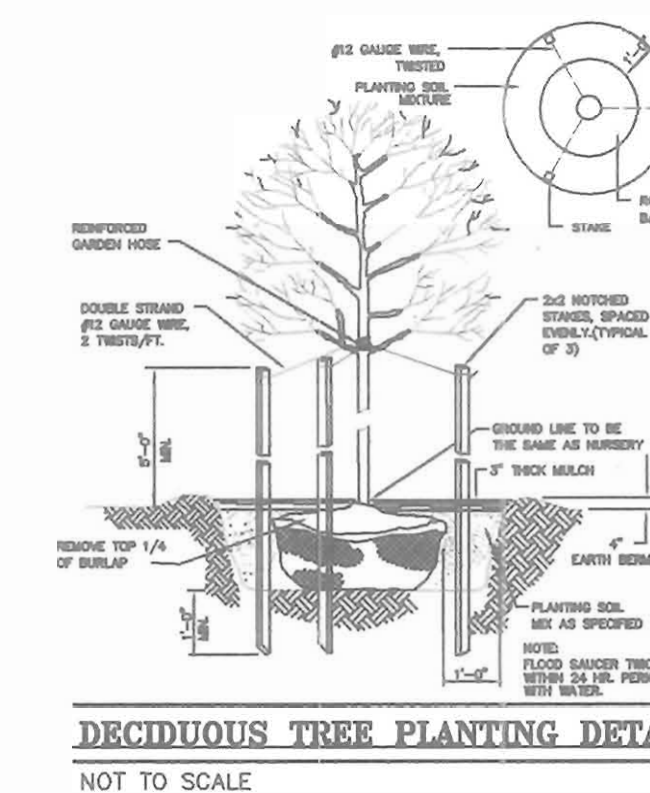
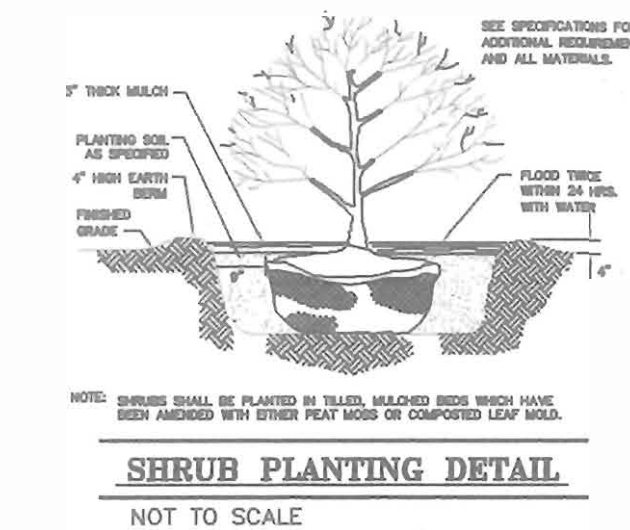
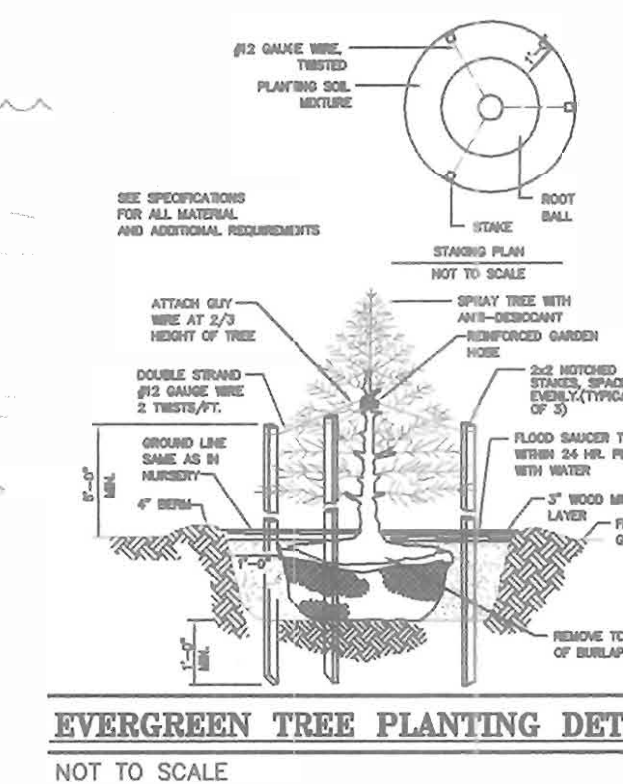
QTY.	SYM.	BOTANICAL NAME	COMMON NAME	REMARKS
31	QP	QUERCUS PHELLOS	WILLOW OAK	2 1/2"-3" CAL.
18	DY	TAXUS MEDIA DENSIFORMIS	DENSIFORMIS YEW	24-30"
55	WP	PINUS STROBUS	WHITE PINE	6-8' HGT

AT THE TIME OF INSTALLATION, ALL SHRUBS AND OTHER PLANTINGS HEREWITH LISTED AND APPROVED FOR THIS SITE, SHALL BE OF THE PROPER HEIGHT REQUIREMENTS IN ACCORDANCE WITH THE HOWARD COUNTY LANDSCAPE MANUAL. IN ADDITION, NO SUBSTITUTIONS OR RELOCATION OF REQUIRED PLANTINGS MAY BE MADE WITHOUT PRIOR REVIEW AND APPROVAL FROM THE DEPARTMENT OF PLANNING AND ZONING. ANY DEVIATION FROM THIS APPROVED LANDSCAPE PLAN MAY RESULT IN DENIAL OR DELAY IN THE RELEASE OF LANDSCAPE SURETY UNTIL SUCH TIME AS ALL REQUIRED MATERIALS ARE PLANTED AND/OR REVISIONS ARE MADE TO APPLICABLE PLANS AND CERTIFICATIONS.

SCHEDULE A PERIMETER LANDSCAPE EDGE

CATEGORY	ADJACENT TO PERIMETER		
	B	C	E
LANDSCAPE TYPE			
LINEAR FEET OF ROADWAY/FRONTAGE/PERIMETER	735	1305	70
CREDIT FOR EXISTING VEGETATION (YES NO. LINEAR FEET)	290	433	0
CREDIT FOR WALL FENCE OR BERM (YES NO. LINEAR FEET)	0	0	0
NUMBER OF PLANTS REQUIRED			
SHADE TREES	1/50'=9	1/40'=22	1/40'=2
EVERGREEN TREES	1/40'=11	1/20'=44	0
SHRUBS	0	0	1/4'=18
NUMBER OF PLANTS PROVIDED			
SHADE TREES	9	22	2
EVERGREEN TREES	11	44	0
OTHER TREES (2:1 SUBSTITUTION)	0	0	0
SHRUBS (10:1 SUBSTITUTION)	0	0	18

THE SIX SHADE TREES AND SEVEN EVERGREEN TREES HAVE BEEN PROVIDED ALONG BOTH THE PRIVATE DRIVEWAY AND OLD FREDERICK ROAD. THE EXISTING TREES WERE USED AS CREDIT ALONG FREDERICK ROAD AS WELL AS THE EVERGREENS ALONG THE DRIVEWAY. THE EXISTING WOODS WERE ALSO USED AS CREDIT ALONG THE EAST AND SOUTH BOUNDARY LINES.



FOREST CONSERVATION WORKSHEET  
VERSION 1.0  
(ENTER IN YELLOW CELLS)

NET TRACT AREA:  
A. TOTAL TRACT AREA.....= 5.00  
B. AREA WITHIN 100 YEAR FLOODPLAIN.....= 0.00  
C. AREA TO REMAIN IN AGRICULTURAL PRODUCTION.....= 0.00  
D. NET TRACT AREA.....= 5.00

LAND USE CATEGORY: (FROM TABLE 3.2.1, PAGE 40, MANUAL)  
INPUT THE NUMBER "1" UNDER THE APPROPRIATE LAND USE ZONING, AND LIMIT TO ONLY ONE ENTRY.  
ARA MDR IDA HDR MPD CIA  
0 0 0 1 0 0 0 0

E. AFFORESTATION THRESHOLD.....= 15% x D = 0.75  
F. CONSERVATION THRESHOLD.....= 20% x D = 1.00

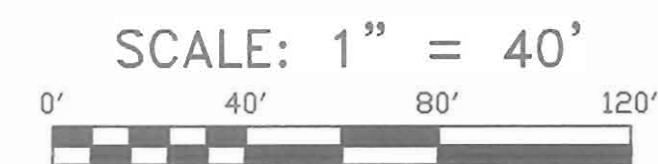
EXISTING FOREST COVER:  
G. EXISTING FOREST COVER (EXCLUDING FLOODPLAIN).....= 0.00  
H. AREA OF FOREST ABOVE AFFORESTATION THRESHOLD.....= 0.00  
I. AREA OF FOREST ABOVE CONSERVATION THRESHOLD.....= 0.00

BREAK EVEN POINT:  
J. FOREST RETENTION ABOVE THRESHOLD WITH NO MITIGATION.....= 0.00  
K. CLEARING PERMITTED WITHOUT MITIGATION.....= 0.00

PROPOSED FOREST CLEARING:  
L. TOTAL AREA OF FOREST TO BE CLEARED.....= 0.00  
M. TOTAL AREA OF FOREST TO BE RETAINED.....= 0.00

PLANTING REQUIREMENTS:  
N. REFORESTATION FOR CLEARING ABOVE CONSERVATION THRESHOLD.....= 0.00  
O. REFORESTATION FOR CLEARING BELOW CONSERVATION THRESHOLD.....= 0.00  
P. CREDIT FOR RETENTION ABOVE CONSERVATION THRESHOLD.....= 0.00  
R. TOTAL REFORESTATION REQUIRED.....= 0.00  
S. TOTAL AFFORESTATION REQUIRED.....= 0.75  
T. TOTAL REFORESTATION AND AFFORESTATION REQUIRED.....= 0.75

OLD FREDERICK ROAD  
MD STATE ROUTE 99  
VARIABLE WIDTH R.O.W.  
PUBLIC ROAD (MINOR ARTERIAL)



DEVELOPER'S/BUILDERS CERTIFICATE  
I/WE CERTIFY THAT THE LANDSCAPING SHOWN ON THIS PLAN WILL BE DONE ACCORDING TO THE PLAN, SECTION 18.124 OF THE HOWARD COUNTY CODE AND THE HOWARD COUNTY LANDSCAPE INSTALLATION, ACCOMPANIED BY AND EXECUTED ONE YEAR GUARANTEE OF PLANT MATERIALS. WILL BE SUBMITTED TO THE DEPARTMENT OF PLANNING AND ZONING.  
NAME: *[Signature]*  
DATE: 10/18/05

THIS PLAN HAS BEEN PREPARED IN ACCORDANCE WITH THE PROVISIONS OF SECTION 16.124 OF THE HOWARD COUNTY CODE AND THE LANDSCAPE MANUAL.  
FINANCIAL SURETY FOR THE REQUIRED LANDSCAPING HAS BEEN POSTED AS PART OF THE DEV. AGREEMENT IN THE AMOUNT OF \$18,090. THIS SURETY IS BASED ON 31 SHADE TREES AT \$300.00 EACH, 55 EVERGREEN TREES AT \$150.00 EACH AND 18 SHRUBS @ \$30.00.

THE OWNER, TENTANT, AND/OR THEIR AGENTS SHALL BE RESPONSIBLE FOR THE MAINTENANCE OF THE REQUIRED LANDSCAPING, INCLUDING BOTH PLANT MATERIALS AND BERMS, FENCES AND WALLS. ALL PLANT MATERIALS SHALL BE MAINTAINED IN GOOD GROWING CONDITION, AND WHEN NECESSARY, REPLACED WITH NEW MATERIALS TO ENSURE CONTINUED COMPLIANCE WITH APPLICABLE REGULATIONS. ALL OTHER REQUIRED LANDSCAPING SHALL BE PERMANENTLY MAINTAINED IN GOOD CONDITION, AND WHEN NECESSARY, REPAIRED OR REPLACED.

APPROVED: DEPARTMENT OF PLANNING AND ZONING  
Chief, Development Engineering Division: *[Signature]* 11/2/05  
Chief, Division of Land Development: *[Signature]* 12/20/05  
Director: *[Signature]* 12/23/05

APPROVED: FOR PRIVATE WATER AND PRIVATE SEWER SYSTEMS  
County Health Officer: *[Signature]* 12/16/05  
Howard County Health Department: *[Signature]*

**Richardson Engineering, LLC**  
110 Old Padonia Road, Suite LC  
Cockeysville, Maryland 21030  
Phone: 410-560-1502 Fax: 410-560-0827

OWNERS/DEVELOPERS  
DALL YONG LEE & SOO LEE  
11424 OLD FREDERICK ROAD  
MARRIOTTVILLE, MARYLAND 21104  
PHONE: 410-442-1983

DESIGNED BY: J.P.D.		SCALE: AS SHOWN		TAX MAP 10		A.D.C. MAP 5 GRID K-13		JOB # 04063		SHEET 5	
DRAWN BY: J.P.D.		3000/463		GRID 21		PLAT REF. 25/64		FILES: D:\JOBS\2004\04063\DRAWINGS\SHEETS.dwg		NO. OF 5	
CHECKED BY: J.P.D.				PARCEL 272						OF 5	

DRAWING COMPLETED: 10-18-05

PLANT LIST

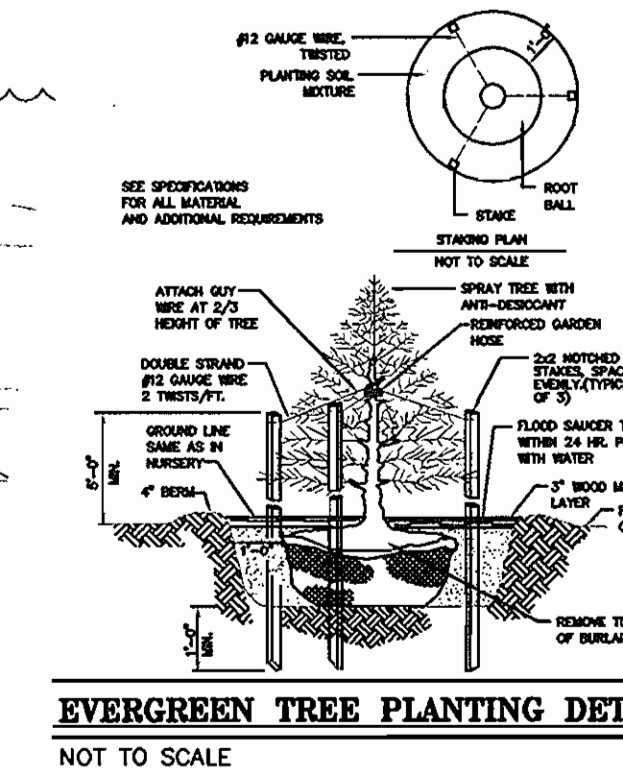
QTY.	SYM.	BOTANICAL NAME	COMMON NAME	REMARKS
31	QP	QUERCUS PHELLOS	WILLOW OAK	2 1/2"-3" CAL.
18	DY	TAXUS MEDIA DENSIFORMIS	DENSIFORMIS YEWE	24-30"
55	WP	PINUS STROBUS	WHITE PINE	6-8' HGT

AT THE TIME OF INSTALLATION, ALL SHRUBS AND OTHER PLANTINGS HERewith LISTED AND APPROVED FOR THIS SITE, SHALL BE OF THE PROPER HEIGHT REQUIREMENTS IN ACCORDANCE WITH THE HOWARD COUNTY LANDSCAPE MANUAL. IN ADDITION, NO SUBSTITUTIONS OR RELOCATION OF REQUIRED PLANTINGS MAY BE MADE WITHOUT PRIOR REVIEW AND APPROVAL FROM THE DEPARTMENT OF PLANNING AND ZONING. ANY DEVIATION FROM THIS APPROVED LANDSCAPE PLAN MAY RESULT IN DENIAL OR DELAY IN THE RELEASE OF LANDSCAPE SURETY UNTIL SUCH TIME AS ALL REQUIRED MATERIALS ARE PLANTED AND/OR REVISIONS ARE MADE TO APPLICABLE PLANS AND CERTIFICATIONS.

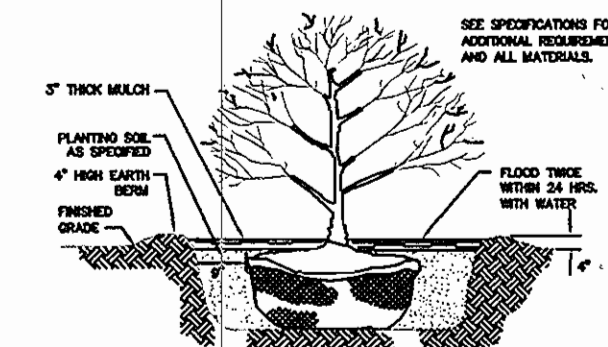
SCHEDULE A PERIMETER LANDSCAPE EDGE

CATEGORY	ADJACENT TO PERIMETER		
	B	C	E
LANDSCAPE TYPE			
LINEAR FEET OF ROADWAY/FRONTAGE/PERIMETER	735	1305	70
CREDIT FOR EXISTING VEGETATION (YES NO. LINEAR FEET)	290	433	0
CREDIT FOR WALL FENCE OR BERM (YES NO. LINEAR FEET)	0	0	0
NUMBER OF PLANTS REQUIRED			
SHADE TREES	1/50'=9	1/40'=22	1/40'=2
EVERGREEN TREES	1/40'=11	1/20'=44	0
SHRUBS	0	0	1/4'=18
NUMBER OF PLANTS PROVIDED			
SHADE TREES	9	22	2
EVERGREEN TREES	11	44	0
OTHER TREES (2:1 SUBSTITUTION)	0	0	0
SHRUBS (10:1 SUBSTITUTION)	0	0	18

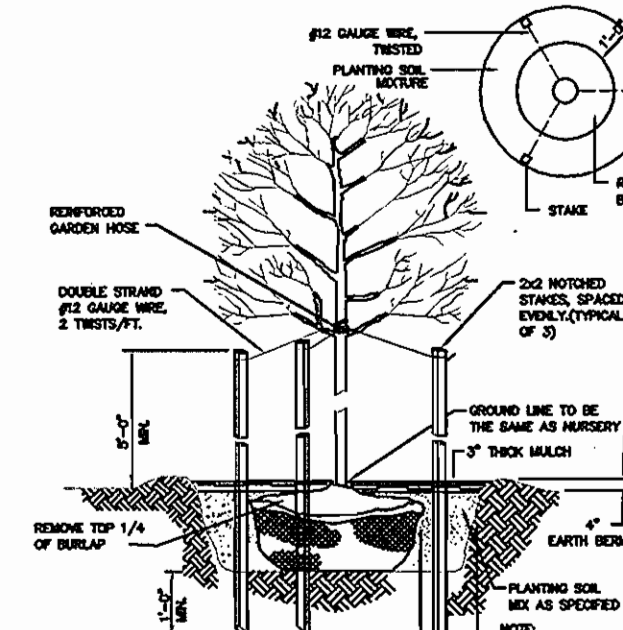
THE SIX SHADE TREES AND SEVEN EVERGREEN TREES HAVE BEEN PROVIDED ALONG BOTH THE PRIVATE DRIVEWAY AND OLD FREDERICK ROAD. THE EXISTING TREES WERE USED AS CREDIT ALONG FREDERICK ROAD AS WELL AS THE EVERGREENS ALONG THE DRIVEWAY. THE EXISTING WOODS WERE ALSO USED AS CREDIT ALONG THE EAST AND SOUTH BOUNDARY LINES.



EVERGREEN TREE PLANTING DETAIL  
NOT TO SCALE



SHRUB PLANTING DETAIL  
NOT TO SCALE



DECIDUOUS TREE PLANTING DETAIL  
NOT TO SCALE

DEVELOPER'S/BUILDERS CERTIFICATE:

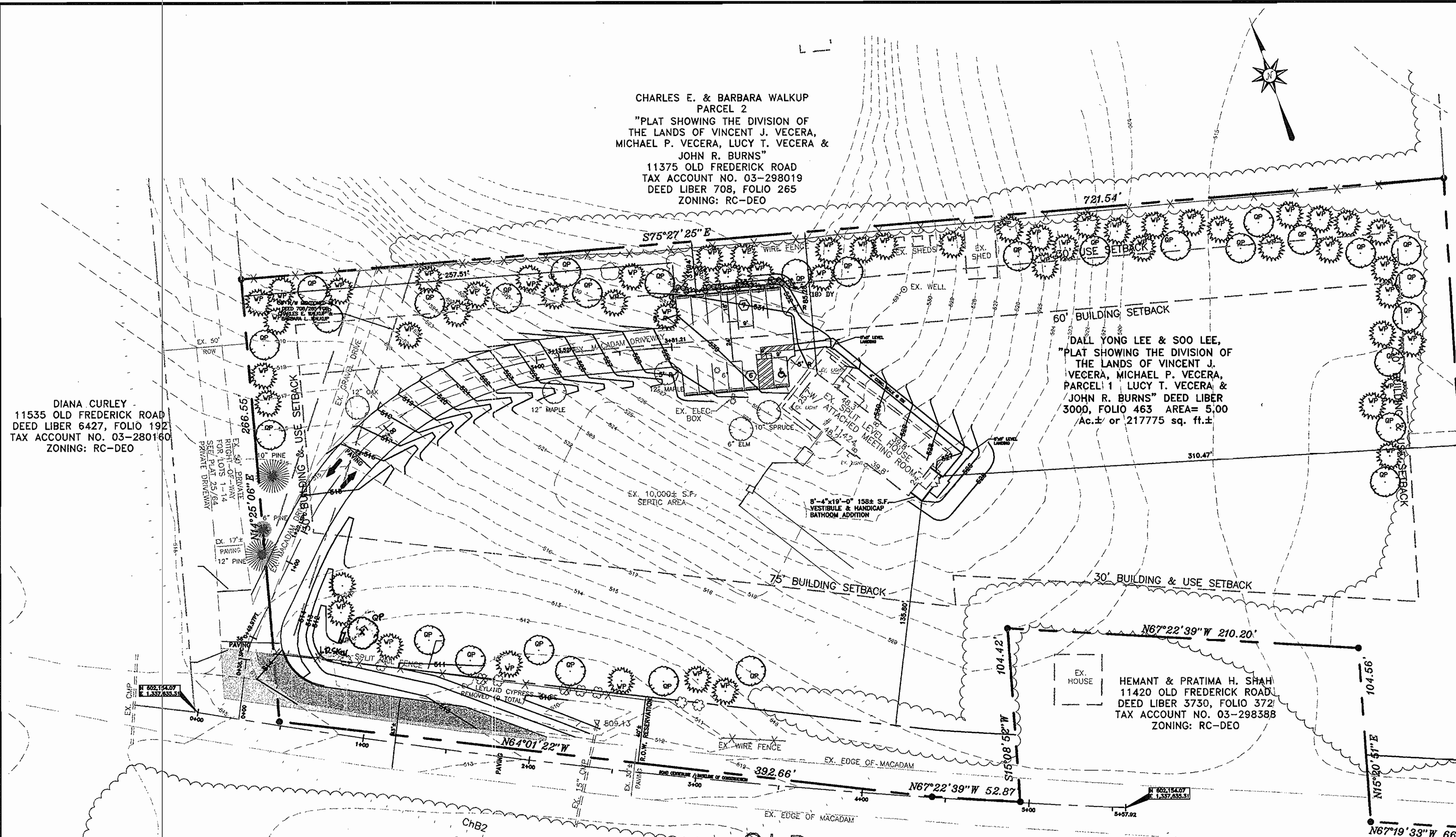
I/WE CERTIFY THAT THE LANDSCAPING SHOWN ON THIS PLAN WILL BE DONE ACCORDING TO THE PLAN, SECTION 16.124 OF THE HOWARD COUNTY CODE AND THE HOWARD COUNTY LANDSCAPE INSTALLATION, ACCOMPANIED BY AND EXECUTED ONE YEAR GUARANTEE OF PLANT MATERIALS, WILL BE SUBMITTED TO THE DEPARTMENT OF PLANNING AND ZONING.

NAME: [Signature] DATE: 11/18/05

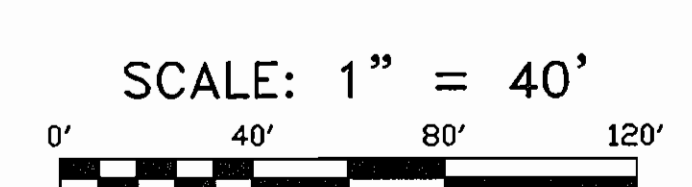
THIS PLAN HAS BEEN PREPARED IN ACCORDANCE WITH THE PROVISIONS OF SECTION 16.124 OF THE HOWARD COUNTY CODE AND THE LANDSCAPE MANUAL.

FINANCIAL SURETY FOR THE REQUIRED LANDSCAPING HAS BEEN POSTED AS PART OF THE DEV. AGREEMENT IN THE AMOUNT OF \$18,090. THIS SURETY IS BASED ON 31 SHADE TREES AT \$300.00 EACH, 55 EVERGREEN TREES AT \$150.00 EACH AND 18 SHRUBS @ \$30.00.

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OLD FREDERICK ROAD  
MD STATE ROUTE 99  
VARIABLE WIDTH R.O.W.  
PUBLIC ROAD (MINOR ARTERIAL)



FOREST CONSERVATION WORKSHEET

VERSION 1.0  
(ENTER IN YELLOW CELLS)

NET TRACT AREA:

A. TOTAL TRACT AREA	= 5.00
B. AREA WITHIN 100 YEAR FLOODPLAIN	= 0.00
C. AREA TO REMAIN IN AGRICULTURAL PRODUCTION	= 0.00
D. NET TRACT AREA	= 5.00

LAND USE CATEGORY: (FROM TABLE 3.2.1, PAGE 40, MANUAL)

INPUT THE NUMBER "1" UNDER THE APPROPRIATE LAND USE ZONING, AND LIMIT TO ONLY ONE ENTRY.

ARA	MDR	IDA	HDR	MPD	CIA
0	0	1	0	0	0

E. AFFORESTATION THRESHOLD: 15% x D = 0.75  
F. CONSERVATION THRESHOLD: 20% x D = 1.00

EXISTING FOREST COVER:

G. EXISTING FOREST COVER (EXCLUDING FLOODPLAIN)	= 0.00
H. AREA OF FOREST ABOVE AFFORESTATION THRESHOLD	= 0.00
I. AREA OF FOREST ABOVE CONSERVATION THRESHOLD	= 0.00

BREAK EVEN POINT:

J. FOREST RETENTION ABOVE THRESHOLD WITH NO MITIGATION	= 0.00
K. CLEARING PERMITTED WITHOUT MITIGATION	= 0.00

PROPOSED FOREST CLEARING:

L. TOTAL AREA OF FOREST TO BE CLEARED	= 0.00
M. TOTAL AREA OF FOREST TO BE RETAINED	= 0.00

PLANTING REQUIREMENTS:

N. REFORESTATION FOR CLEARING ABOVE CONSERVATION THRESHOLD	= 0.00	1.0	1.0
P. REFORESTATION FOR CLEARING BELOW CONSERVATION THRESHOLD	= 0.00	1.0	1.0
Q. CREDIT FOR RETENTION ABOVE CONSERVATION THRESHOLD	= 0.00		
R. TOTAL REFORESTATION REQUIRED	= 0.00		
S. TOTAL AFFORESTATION REQUIRED	= 0.75		
T. TOTAL REFORESTATION AND AFFORESTATION REQUIRED	= 0.75		

APPROVED: DEPARTMENT OF PLANNING AND ZONING

Chief, Development Engineering Division: [Signature] Date: 11/2/05

Chief, Division of Land Development: [Signature] Date: 12/20/05

Director: [Signature] Date: 12/21/05

APPROVED: FOR PRIVATE WATER AND PRIVATE SEWER SYSTEMS

County Health Officer: [Signature] Date: 12/16/05

**Richardson Engineering, LLC**

110 Old Padonia Road, Suite LC  
Cockeysville, Maryland 21030  
Phone: 410-560-1502 Fax: 410-560-0827

Seal of the State of Maryland, Department of Planning and Zoning, Professional Engineer, License No. 101865

OWNERS/DEVELOPERS

DALL YONG LEE & SOO LEE  
11424 OLD FREDERICK ROAD  
MARRIOTTVILLE, MARYLAND 21104  
PHONE: 410-442-1983

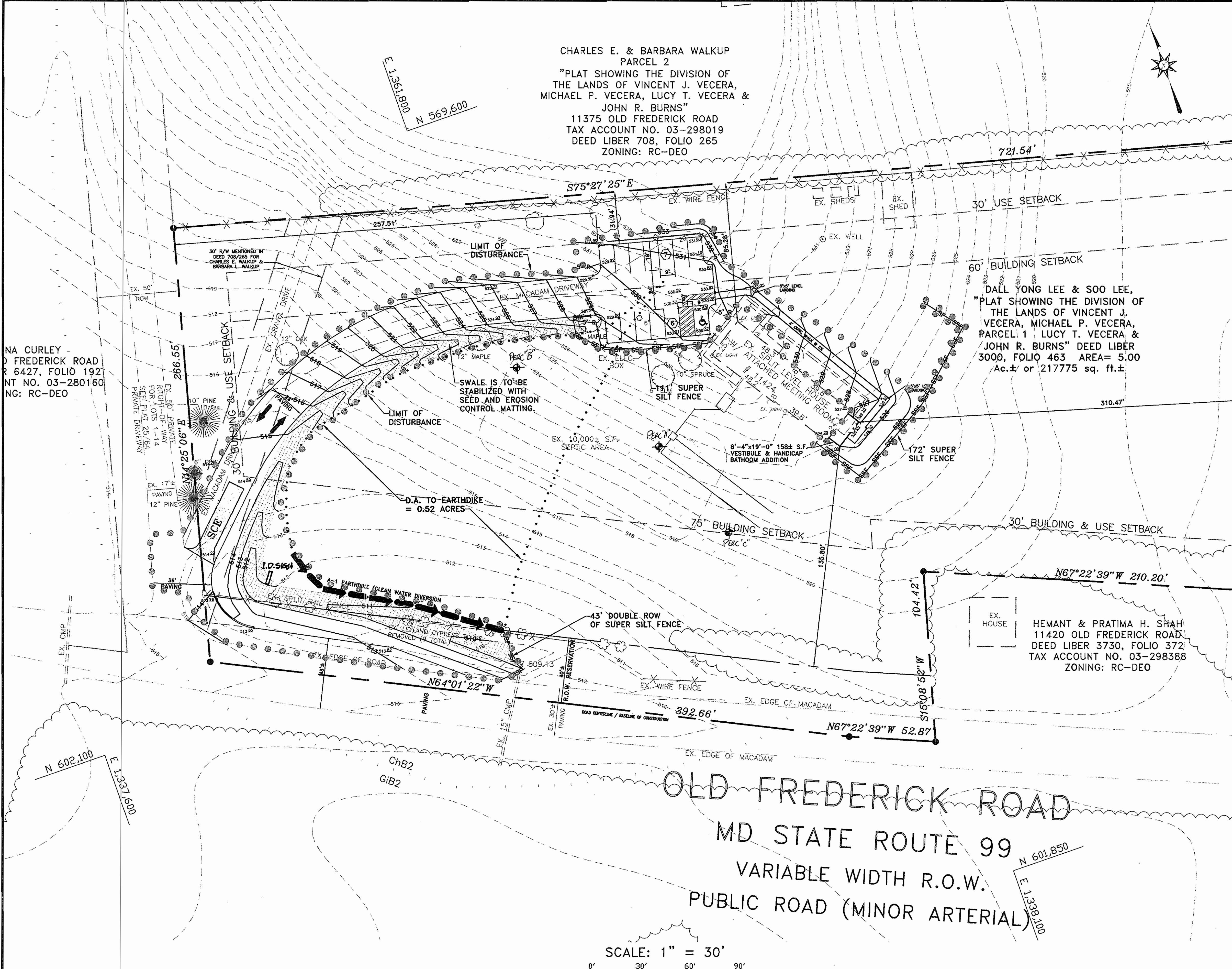
HOSANNA BAPTIST CHURCH  
(PARKING LOT ADDITION)  
SITE DEVELOPMENT PLANS  
FINAL LANDSCAPE PLAN

THIRD ELECTION DISTRICT HOWARD COUNTY, MARYLAND

DESIGNED BY: J.P.D.	SCALE: AS SHOWN	TAX MAP: 10	A.D.C. MAP 5: GRID K-13	JOB #: 04063	SHEET: 5
DRAWN BY: J.P.D.	DEED REF: 3001/463	GRID: 21	PLAT REF: 25/64	FILES: D:\JOB\2004\04063\DRAWINGS\SHEETS.dwg	NO. OF: 5
CHECKED BY: J.P.D.	PARCEL: 272				

DRAWING COMPLETED: 10-18-05

DATE: 11/27/07 I.P.S. SIGN: [Signature] PGR BY: [Signature]

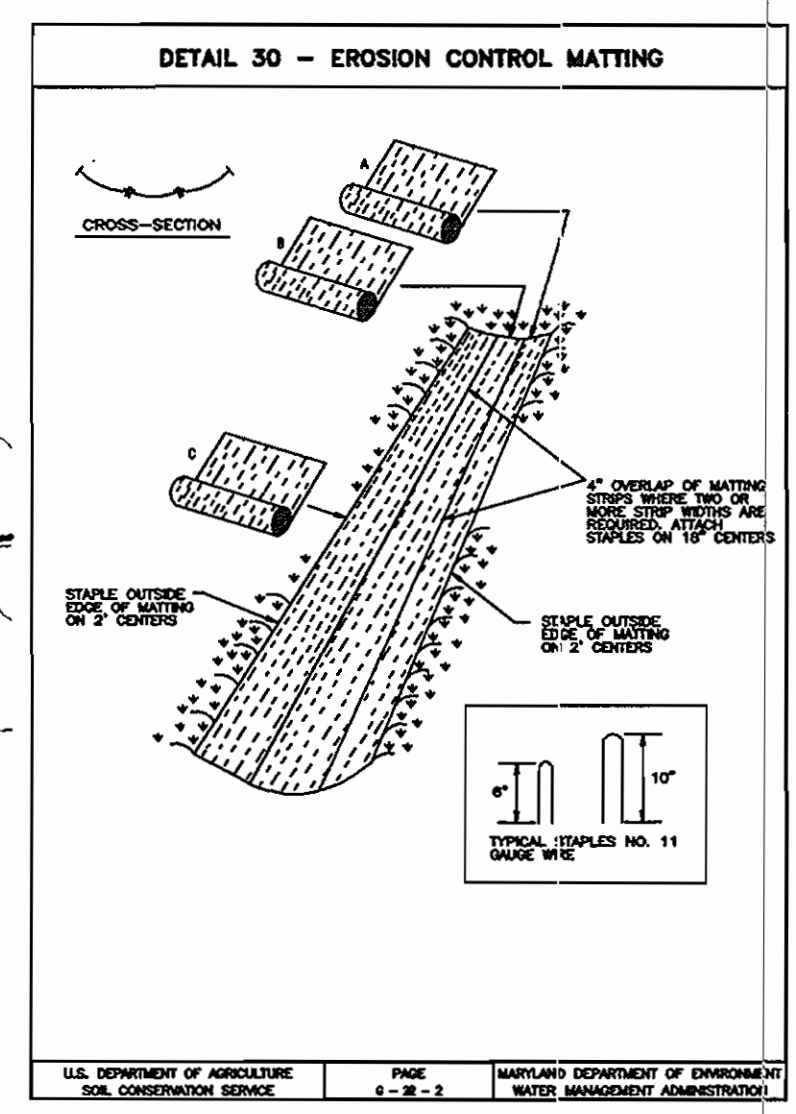


NA CURLEY  
D FREDERICK ROAD  
R 6427, FOLIO 192  
NT NO. 03-280160  
NG: RC-DEO

CHARLES E. & BARBARA WALKUP  
PARCEL 2  
"PLAT SHOWING THE DIVISION OF  
THE LANDS OF VINCENT J. VECERA,  
MICHAEL P. VECERA, LUCY T. VECERA &  
JOHN R. BURNS"  
11375 OLD FREDERICK ROAD  
TAX ACCOUNT NO. 03-298019  
DEED LIBER 708, FOLIO 265  
ZONING: RC-DEO

DALL YONG LEE & SOO LEE,  
"PLAT SHOWING THE DIVISION OF  
THE LANDS OF VINCENT J.  
VECERA, MICHAEL P. VECERA,  
PARCEL 1 LUCY T. VECERA &  
JOHN R. BURNS" DEED LIBER  
3000, FOLIO 463 AREA= 5.00  
Ac.± or 217775 sq. ft.±

HEMANT & PRATIMA H. SHAH  
11420 OLD FREDERICK ROAD  
DEED LIBER 3730, FOLIO 372  
TAX ACCOUNT NO. 03-298388  
ZONING: RC-DEO



**EROSION CONTROL MATTING**

Construction Specifications

1. Key-in the matting by placing the top edge of the matting in a narrow trench, 2" in depth. Backfill the trench and tamp firmly to conform to the channel cross-section. Secure with a row of staples, spaced 4" down slope from the trench. Spacing between staples is 4".
2. Staple the 4" overlap in the channel center using an 18" spacing between staples.
3. Before stapling the outer edges of the matting, make sure the matting is smooth and is firm contact with the soil.
4. Staples shall be placed 2' apart with 4 rows for each strip, 2 outer rows, and 2 alternating rows down the center.
5. Where one roll of matting ends and another begins, the end of the top strip shall overlap the upper end of the lower strip by 4", at right angles. Reinforce the overlap with a double row of staples spaced 4" apart in a staggered pattern on either side.
6. The discharge end of the matting line should be secondary secured with 2 double rows of staples.

Note: If flow will enter from the edge of the matting then the area affected by the flow must be keyed-in.

**ENGINEER'S CERTIFICATE**

"I CERTIFY THAT THIS PLAN FOR SEDIMENT AND EROSION CONTROL REPRESENTS A PRACTICAL AND WORKABLE PLAN BASED ON MY PERSONAL KNOWLEDGE OF THE SITE CONDITIONS AND THAT IT WAS PREPARED IN ACCORDANCE WITH THE REQUIREMENTS OF THE HOWARD SOIL CONSERVATION DISTRICT."

*John P. Demos*  
SIGNATURE OF ENGINEER (Print name below signature) 10/18/05  
DATE

**DEVELOPER'S CERTIFICATE**

"I/WE CERTIFY THAT ALL DEVELOPMENT AND CONSTRUCTION WILL BE DONE ACCORDING TO THIS PLAN FOR EROSION AND SEDIMENT CONTROL AND THAT ALL RESPONSIBLE PERSONNEL INVOLVED IN THE CONSTRUCTION PROJECT WILL HAVE A CERTIFICATE OF ATTENDANCE AT A DEPARTMENT OF THE ENVIRONMENT APPROVED TRAINING PROGRAM FOR THE CONTROL OF SEDIMENT AND EROSION BEFORE BEGINNING THE PROJECT. I ALSO AUTHORIZE PERIODIC ON-SITE INSPECTION BY THE HOWARD SOIL CONSERVATION DISTRICT."

*Dall Yong Lee*  
SIGNATURE OF DEVELOPER (Print name below signature) 10/18/05  
DATE

Reviewed for Howard SCD and meets Technical Requirements

*Jim Meyer*  
USDA - Natural Resources Conservation Service 10-26-05  
Date

This development plan is approved for soil erosion and sediment control by the Howard Soil Conservation District.

*Jim Meyer*  
USDA - Natural Resources Conservation Service 10-26-05  
Date

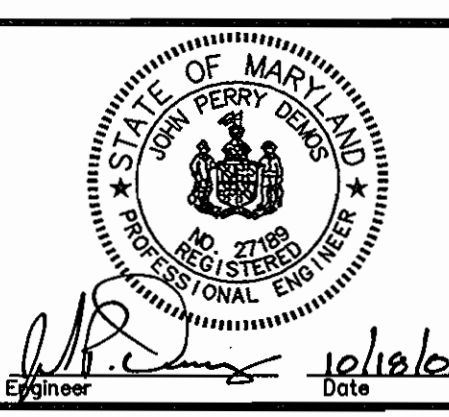
**LEGEND**

- 100 --- EXISTING CONTOUR
- 100 --- EXISTING PAVED AREAS
- 100 --- EXISTING BUILDING
- 100 --- PROPOSED PAVING
- 100 --- PROPOSED CONTOUR
- 5F --- SILT FENCE
- 5SF --- SUPER SILT FENCE
- 50 --- LIMIT OF DISTURBANCE
- 50 --- EARTH DIKE

APPROVED: DEPARTMENT OF PLANNING AND ZONING  
11/2/05  
Chief, Development Engineering Division  
12/20/05  
Chief, Division of Land Development  
12/20/05  
Director  
12/16/05  
APPROVED: FOR PRIVATE WATER AND PRIVATE SEWER SYSTEMS  
County Health Officer  
Howard County Health Department

**Richardson Engineering, LLC**

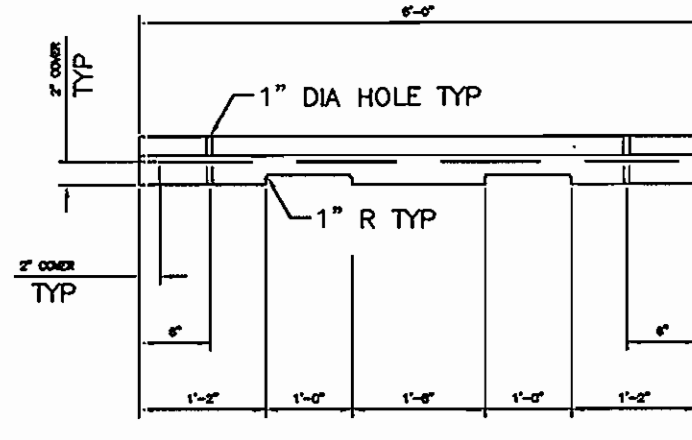
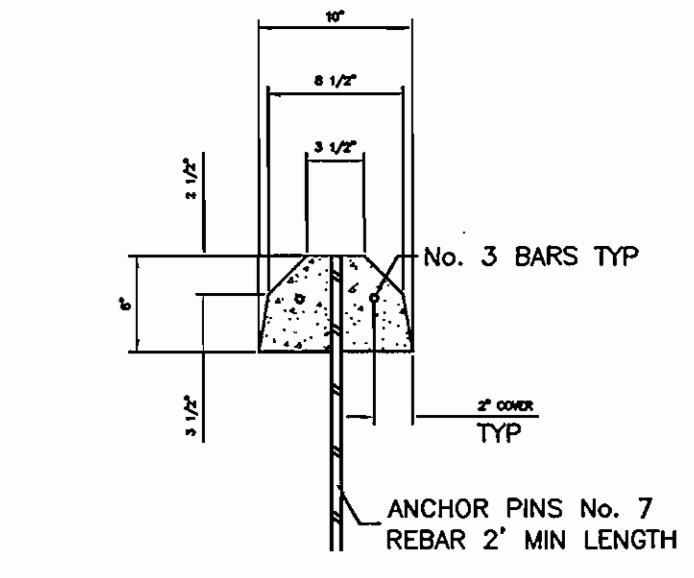
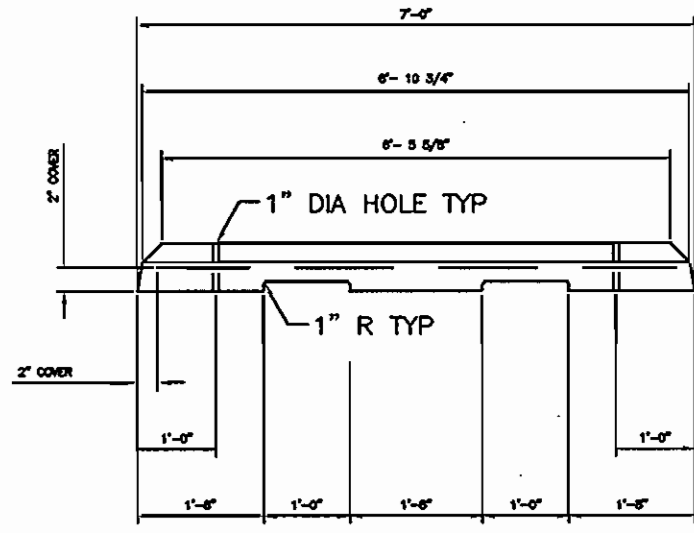
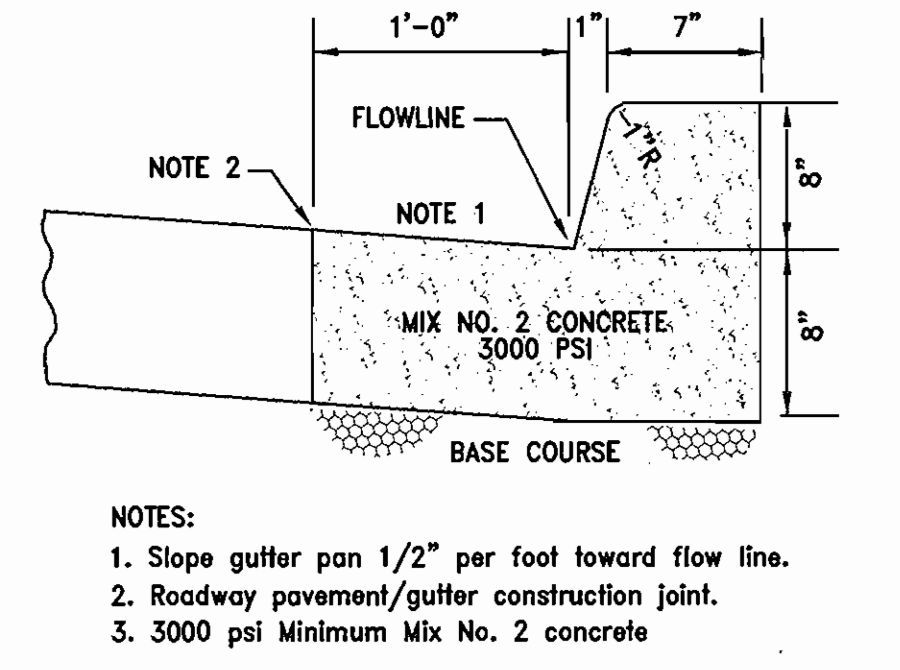
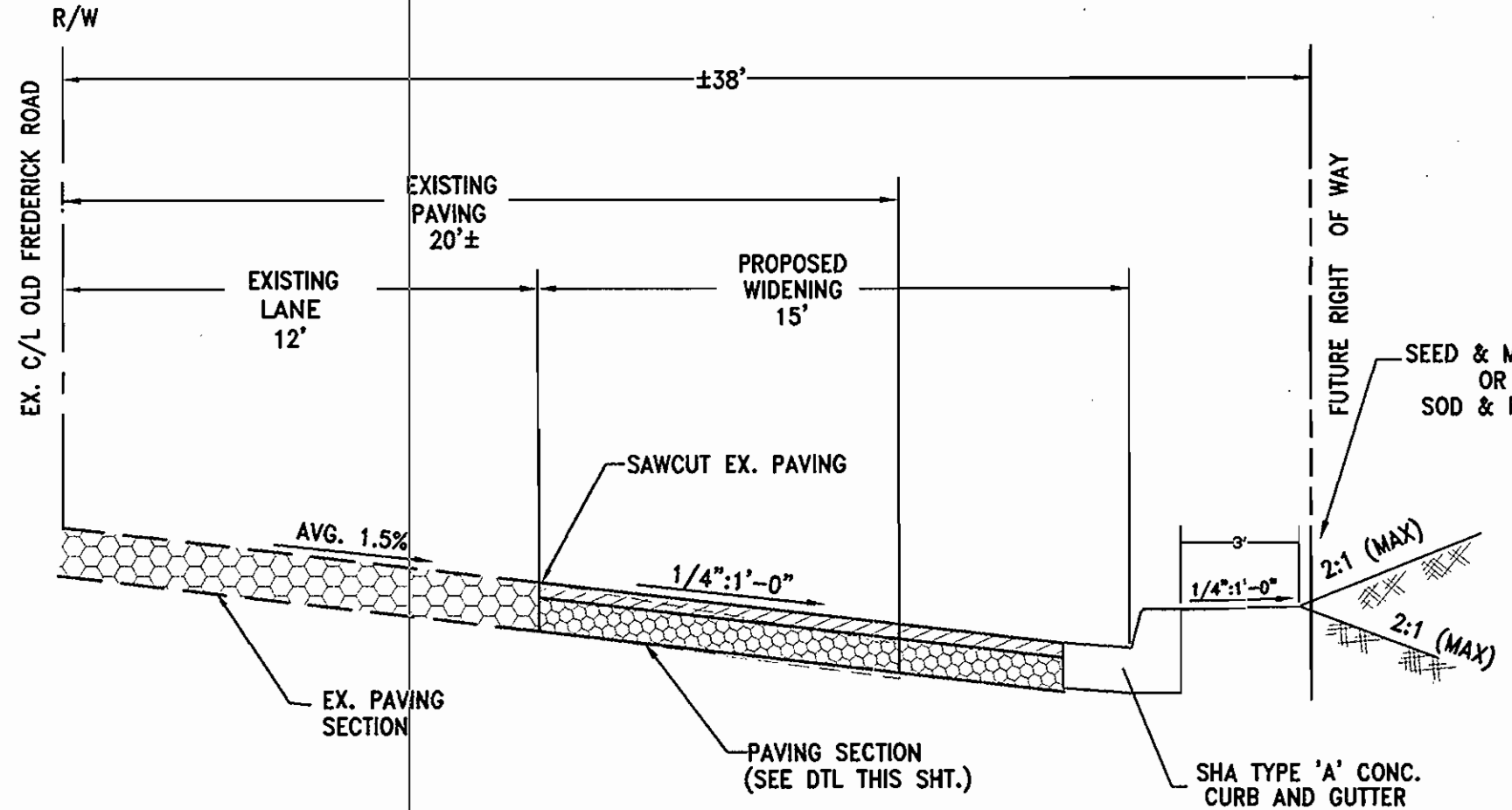
110 Old Padonia Road, Suite LC  
Cockeysville, Maryland 21030  
Phone: 410-560-1502 Fax: 410-560-0827



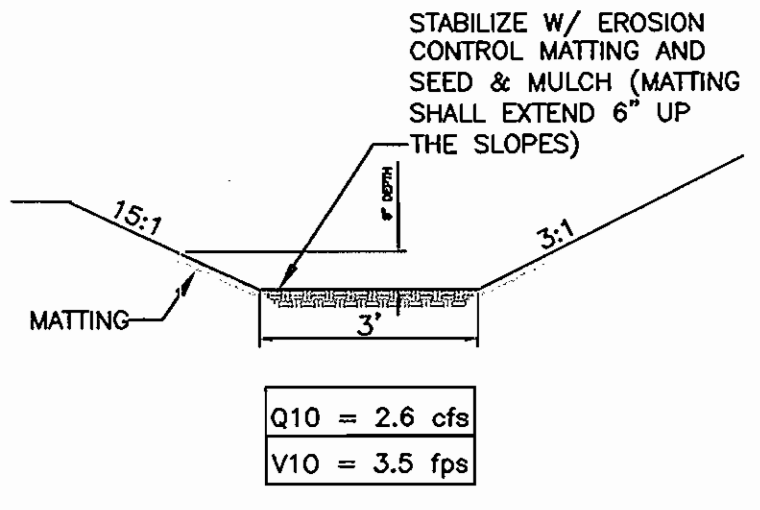
**OWNERS/DEVELOPERS**

DALL YONG LEE & SOO LEE  
11424 OLD FREDERICK ROAD  
MARRIOTTVILLE, MARYLAND 21104  
PHONE: 410-442-1983

HOSANNA BAPTIST CHURCH (PARKING LOT ADDITION) SITE DEVELOPMENT PLANS SEDIMENT & EROSION CONTROL PLAN THIRD ELECTION DISTRICT		TAX MAP GRID K-13 21 3000/463		A.D.C. MAP 5 PLAT REF. 25/64		JOB # 04063 FILES D:\JOBS\2004\04063\DRAWINGS\SHEETS3.dwg		SHEET NO. 3 OF 5	
DESIGNED BY: J.P.D.	SCALE	TAX MAP	A.D.C. MAP 5	DRAWING COMPLETED		10-18-05			
DRAWN BY: J.P.D.	AS SHOWN	GRID	PLAT REF.	DATE		11/21/07 I.P. SIGN			
CHECKED BY: J.P.D.	DEED REF.	PARCEL	25/64	DATE		REVISION			

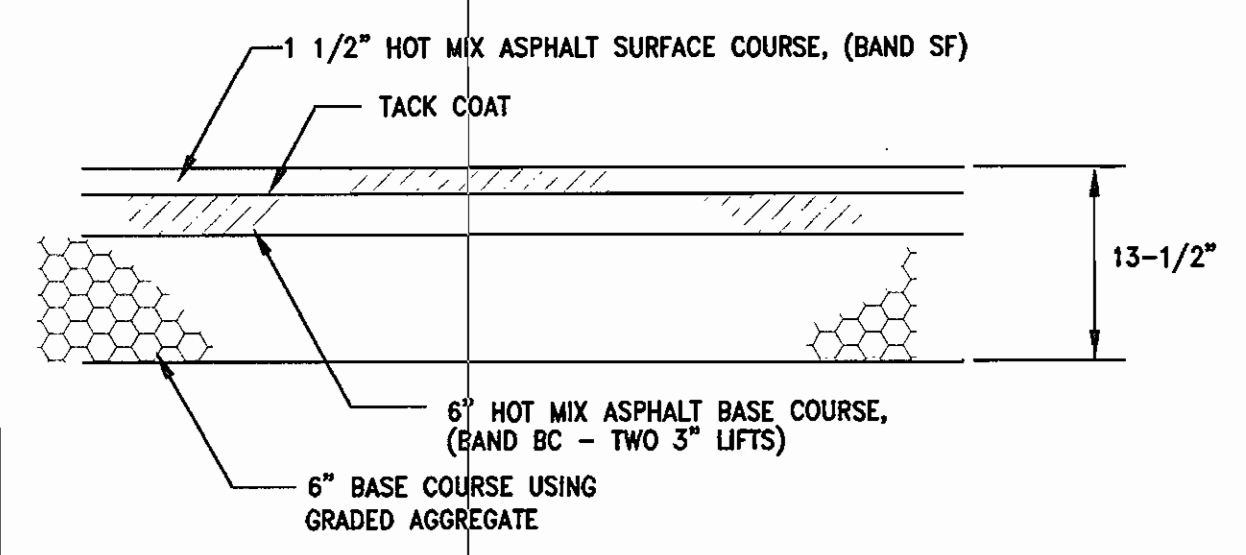


**CONCRETE WHEELSTOP**  
NOT TO SCALE

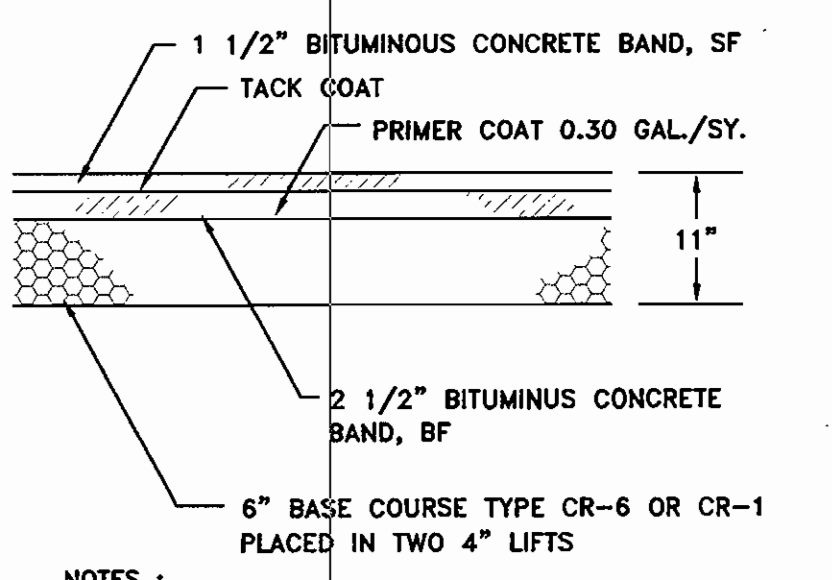


**OPTIONAL SHA PAVING SECTIONS:**

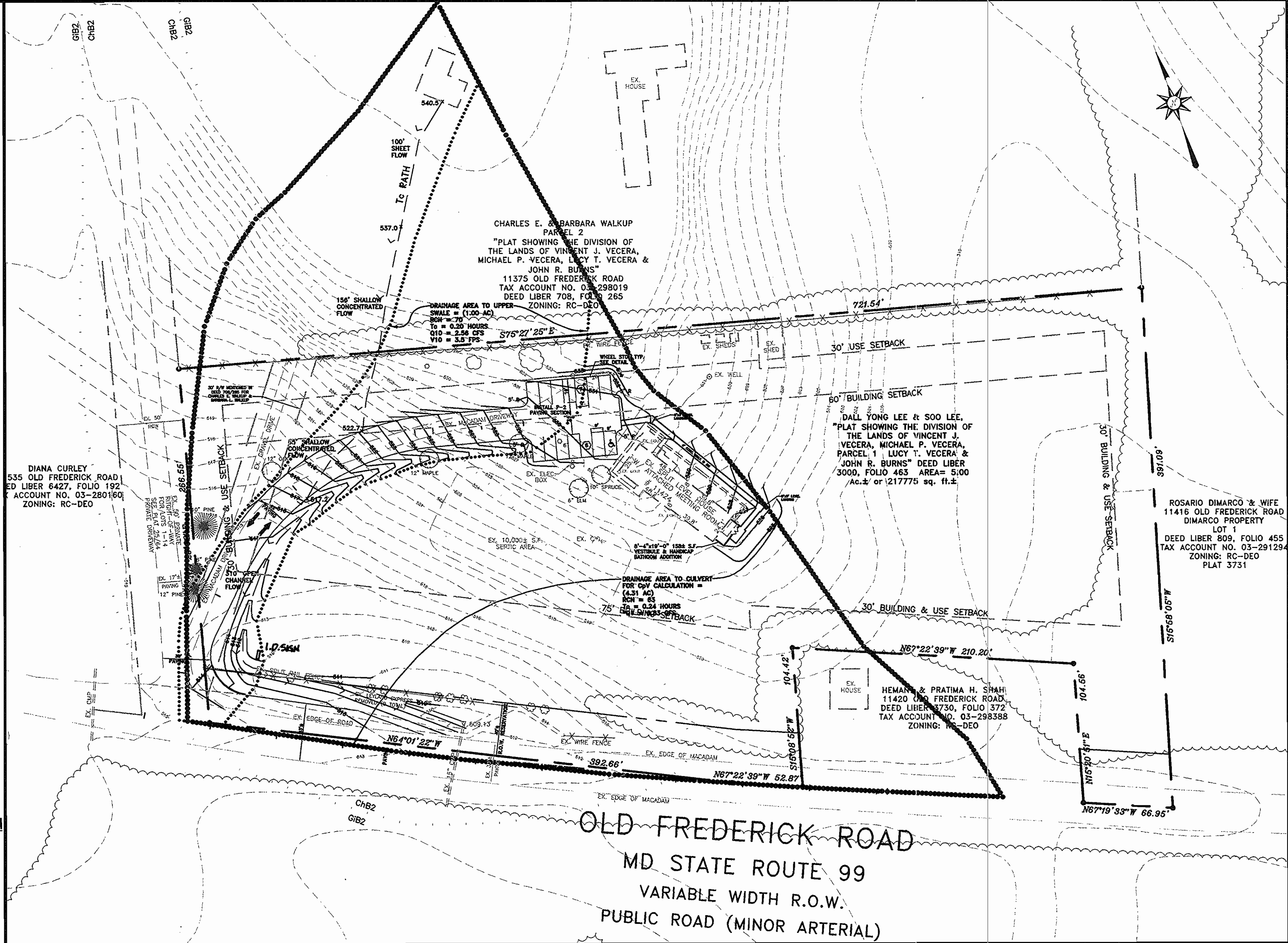
- a.) AS SHOWN
- b.) 1 1/2" HOT MIX ASPHALT SURFACE COURSE, (BAND SF)  
6" HOT MIX ASPHALT BASE COURSE, (BAND BC)  
7" BASE COURSE USING BANK RUN GRAVEL-BASE AGGREGATE PLACED IN TWO LIFTS (3" ON 4")
- c.) 1 1/2" HOT MIX ASPHALT SURFACE COURSE, (BAND SF)  
6" HOT MIX ASPHALT BASE COURSE, (BAND FC- TWO 3" LIFTS)  
12" CAPPING BORROW



**SHA STD. HEAVY DUTY PAVING SECTION**  
NOT TO SCALE



NOTES:  
THE SECOND LIFT SHALL BE LAID WITHIN TEN WORKING DAYS AFTER THE FIRST LIFT.  
(P-2)

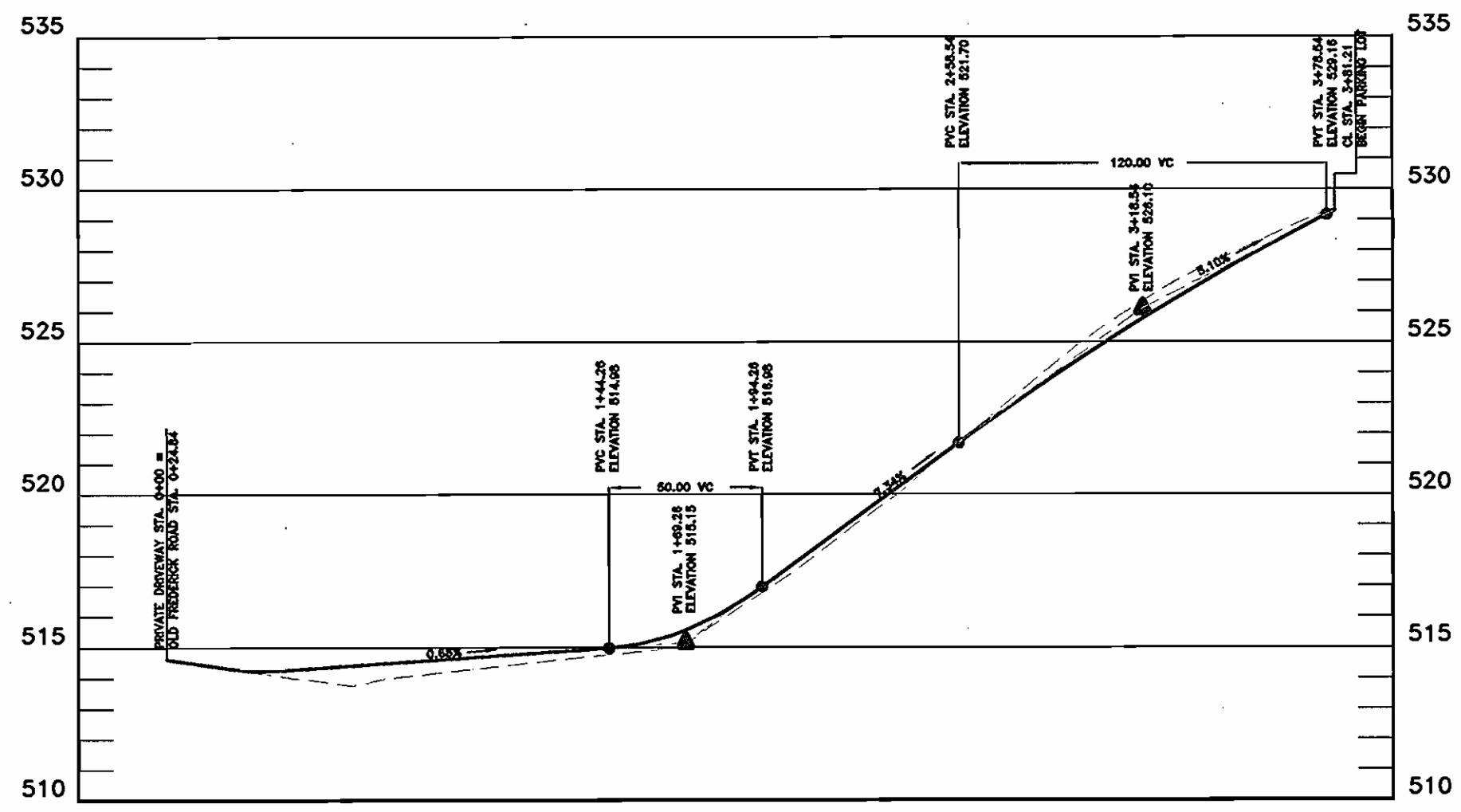
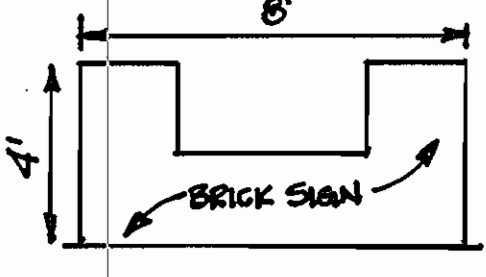


SCALE: 1" = 50'

ALL SOILS ON THE SITE ARE HYDROLOGIC SOIL GROUP 'B'.

STORMWATER MANAGEMENT SUMMARY						
SITE ACREAGE	CpV D.A. (ACRES)	Rev (CU FT)	WQv (CU FT)	Cpy (CU FT)	10-YR (CFS)	100-YR (CFS)
5.00	4.31	*CREDIT	*CREDIT	NOT REQ'D	CONVEYED SAFELY	NOT REQ'D

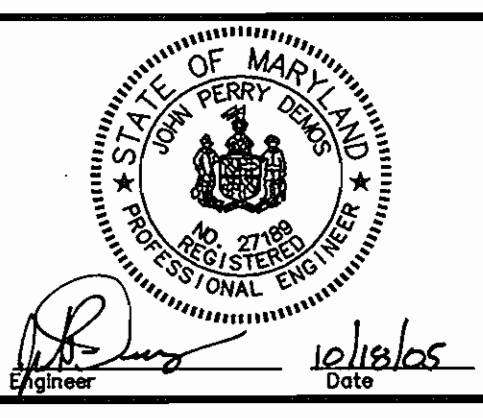
\*THE ENVIRONMENTALLY SENSITIVE DEVELOPMENT CREDIT HAS BEEN UTILIZED TO ADDRESS WATER QUALITY AND GROUNDWATER RECHARGE. ANY FURTHER DEVELOPMENT OF THE SITE WILL REQUIRE A RE-EVALUATION OF THE SITE FOR QUANTITY MANAGEMENT AND USE OF THE ENVIRONMENTALLY SENSITIVE CREDIT SHALL BE PROHIBITED.



APPROVED: DEPARTMENT OF PLANNING AND ZONING  
 Chief, Development Engineering Division: *[Signature]* Date: 11/2/05  
 Chief, Division of Land Development: *[Signature]* Date: 12/2/05  
 Director: *[Signature]* Date: 12/16/05

APPROVED: FOR PRIVATE WATER AND PRIVATE SEWER SYSTEMS  
 County Health Officer: *[Signature]* Date: 12/16/05  
 Howard County Health Department

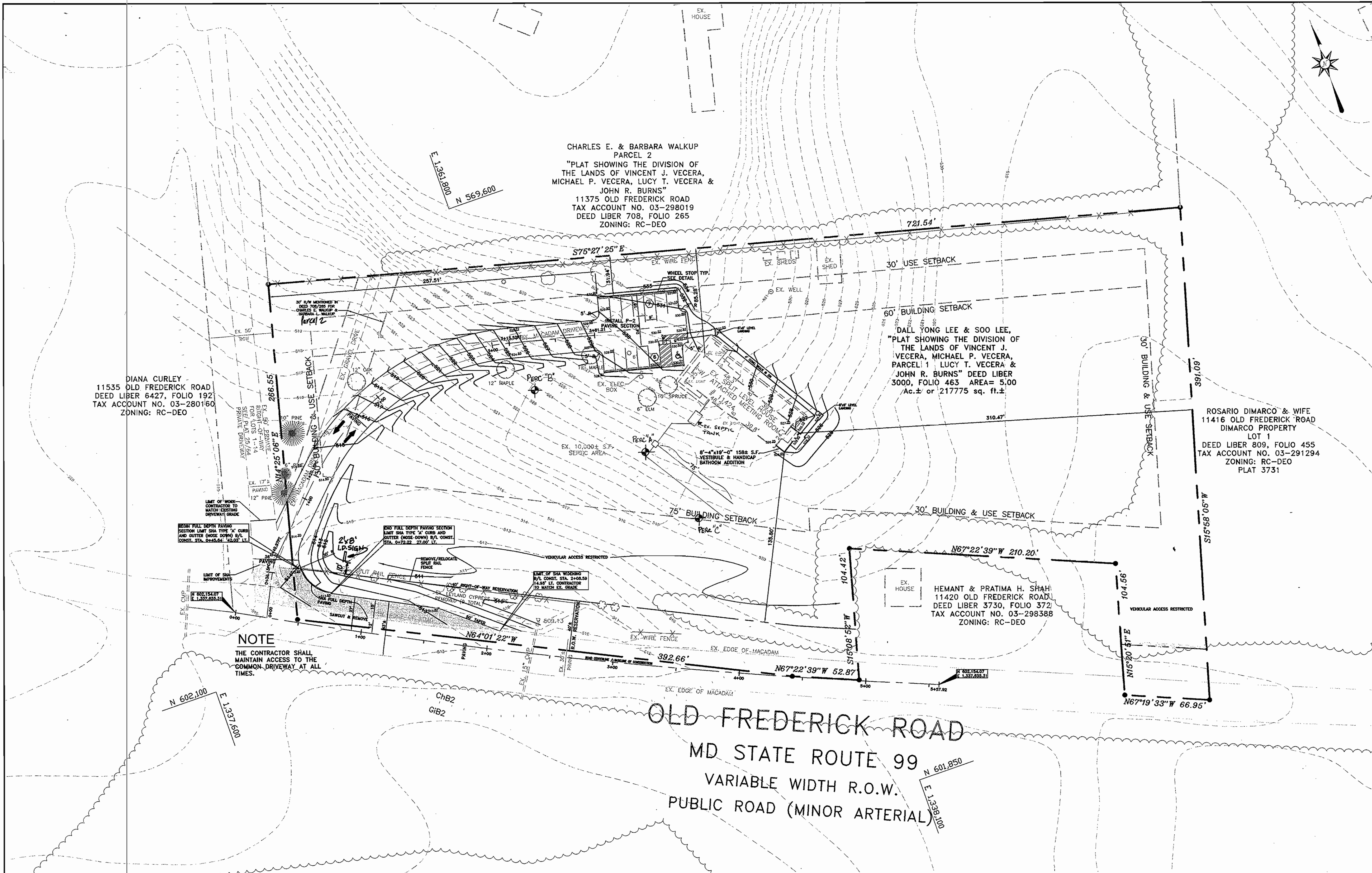
**Richardson Engineering, LLC**  
 110 Old Padonia Road, Suite LC  
 Cockeysville, Maryland 21030  
 Phone: 410-560-1502 Fax: 410-560-0827



**OWNERS/DEVELOPERS**  
 DALL YONG LEE & SOO LEE  
 11424 OLD FREDERICK ROAD  
 MARRIOTTVILLE, MARYLAND 21104  
 PHONE: 410-442-1983

DESIGNED BY: J.P.D.		SCALE: AS SHOWN		TAX MAP 10 GRID 21		A.D.C. MAP 5 PLAT REF.		JOB # 04063		SHEET NO. 2 OF 5	
DRAWN BY: J.P.D.		DEED REF. 3006/463		PARCEL 272		25/64		FILES: D:\05\2004\04063\DRAWINGS\SHEET2.dwg			
CHECKED BY: J.P.D.								DRAWING COMPLETED: 10-18-05			





DIANA CURLEY -  
11535 OLD FREDERICK ROAD  
DEED LIBER 6427, FOLIO 192  
TAX ACCOUNT NO. 03-280160  
ZONING: RC-DEO

CHARLES E. & BARBARA WALKUP  
PARCEL 2  
"PLAT SHOWING THE DIVISION OF  
THE LANDS OF VINCENT J. VECERA,  
MICHAEL P. VECERA, LUCY T. VECERA &  
JOHN R. BURNS"  
11375 OLD FREDERICK ROAD  
TAX ACCOUNT NO. 03-298019  
DEED LIBER 708, FOLIO 265  
ZONING: RC-DEO

DALL YONG LEE & SOO LEE,  
"PLAT SHOWING THE DIVISION OF  
THE LANDS OF VINCENT J.  
VECERA, MICHAEL P. VECERA,  
PARCEL 1, LUCY T. VECERA &  
JOHN R. BURNS" DEED LIBER  
3000, FOLIO 463 AREA= 5,00  
Ac.± or 217775 sq. ft.±

ROSARIO DIMARCO & WIFE  
11416 OLD FREDERICK ROAD  
DIMARCO PROPERTY  
LOT 1  
DEED LIBER 809, FOLIO 455  
TAX ACCOUNT NO. 03-291294  
ZONING: RC-DEO  
PLAT 3731

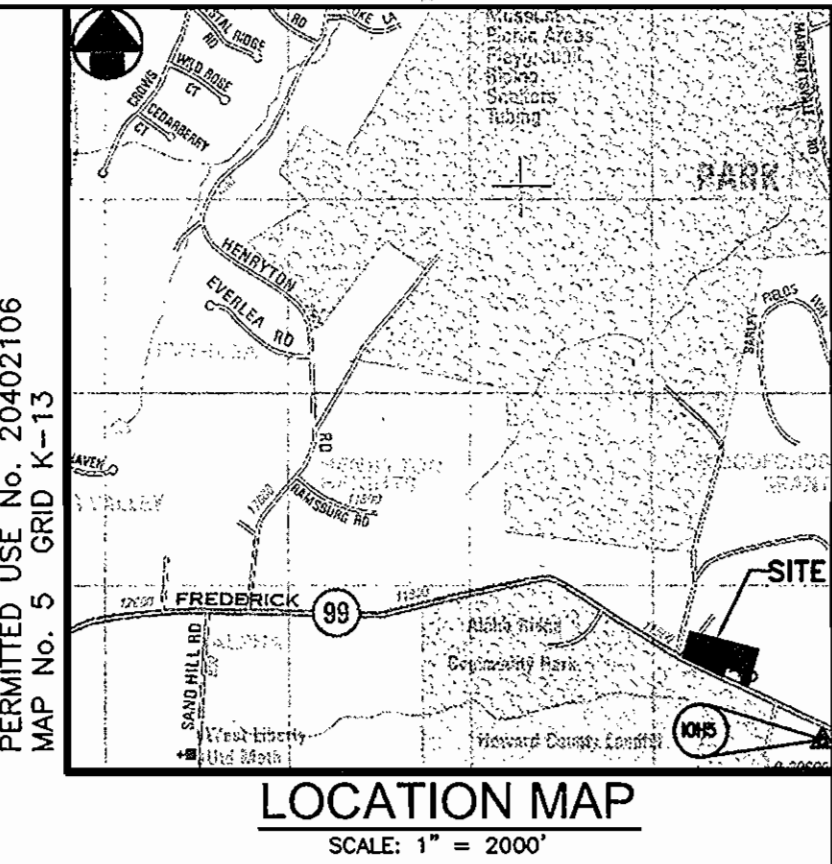
HEMANT & PRATIMA H. SHAH  
11420 OLD FREDERICK ROAD  
DEED LIBER 3730, FOLIO 372  
TAX ACCOUNT NO. 03-298388  
ZONING: RC-DEO

**NOTE**  
THE CONTRACTOR SHALL  
MAINTAIN ACCESS TO THE  
COMMON DRIVEWAY AT ALL  
TIMES.

OLD FREDERICK ROAD  
MD STATE ROUTE 99  
VARIABLE WIDTH R.O.W.  
PUBLIC ROAD (MINOR ARTERIAL)

SCALE: 1" = 40'  
0' 40' 80' 120'

**SEPTIC NOTE**  
THE SOILS IN THE AREA OF THE SEPTIC RESERVE WERE RE-EVALUATED  
AND DETERMINED ACCEPTABLE FOR THE SEPTIC SYSTEM. THE  
SEPTIC SYSTEM HAS BEEN EVALUATED AND UPDATED TO  
SUPPORT A THREE BEDROOM HOME AND 30 CHURCH PATRONS.



**GENERAL NOTES**

- BEFORE THE START OF CONSTRUCTION, THE CONTRACTOR IS TO VERIFY THE LOCATION OF EXISTING UTILITIES BY CONTACTING "MISS UTILITY" (1-800-257-7777).
- THE CONTRACTOR SHALL BE RESPONSIBLE FOR ANY DAMAGE TO AND MAINTENANCE AND PROTECTION OF EXISTING UTILITIES AND STRUCTURES.
- WHERE REQUIRED BY ENCOUNTERED SPRINGS OR OTHER SEEPAGE CONDITIONS, UNDERDRAIN LINES SHALL BE INSTALLED USING 6-INCH DIAMETER PERFORATED UNDERDRAIN PIPE MEETING HOWARD COUNTY STANDARD SPECIFICATIONS.
- ALL DISTURBED AREAS AS A RESULT OF ROADWAY AND STORM DRAIN CONSTRUCTION SHALL BE SEEDED AND MULCHED WITHIN FOURTEEN (14) DAYS AFTER COMPLETION.
- AN EASEMENT WILL BE RECORDED FOR THE CONSTRUCTION OF THE PARKING LOT ACROSS PROPERTY LINES.
- THE COORDINATES SHOWN HEREON ARE BASED UPON THE HOWARD COUNTY GEODETIC CONTROL THAT IS BASED UPON THE MARYLAND STATE PLANE COORDINATE SYSTEM. HOWARD COUNTY MONUMENT NOS. 10H5 AND 10H4 WERE USED FOR THIS PROJECT.
- ALL CONSTRUCTION SHALL BE IN ACCORDANCE WITH THE LATEST STANDARDS AND SPECIFICATIONS OF HOWARD COUNTY PLUS MSHA STANDARDS AND SPECIFICATIONS IF APPLICABLE.
- THE CONTRACTOR SHALL NOTIFY THE DEPARTMENT OF PUBLIC WORKS/BUREAU OF ENGINEERING/CONSTRUCTION INSPECTION DIVISION AT (410) 313-1880 AT LEAST FIVE (5) WORKING DAYS PRIOR TO THE START OF WORK.
- TRAFFIC CONTROL DEVICES, MARKINGS AND SIGNING SHALL BE IN ACCORDANCE WITH THE LATEST EDITION OF THE MANUAL OF UNIFORM TRAFFIC CONTROL DEVICES (MUTCD). ALL STREET AND REGULATORY SIGNS SHALL BE IN PLACE PRIOR TO THE PLACEMENT OF ANY ASPHALT.
- ALL PLAN DIMENSIONS ARE TO THE FACE OF CURB UNLESS OTHERWISE NOTED.
- WATER IS PROVIDED BY A PRIVATE WELL.
- THE SITE UTILIZES AN ON-SITE SEWAGE DISPOSAL SYSTEM.
- STORMWATER MANAGEMENT FOR THE SITE IS ADDRESSED AS FOLLOWS: CHANNEL PROTECTION VOLUME IS NOT REQUIRED FOR THE SITE AS THE ONE YEAR POST DEVELOPMENT DISCHARGE IS LESS THAN 2 CFS. WATER QUALITY AND GROUNDWATER RECHARGE ARE ADDRESSED UTILIZING THE ENVIRONMENTALLY SENSITIVE CREDIT. ANY FURTHER DEVELOPMENT OF THIS SITE WILL REQUIRE THE RE-EVALUATION OF QUANTITY MANAGEMENT AND USE OF THE ENVIRONMENTALLY SENSITIVE CREDIT WILL BE PROHIBITED.
- THE EXISTING UTILITIES ARE BASED ON FIELD RUN TOPOGRAPHY. THE LOCATION AND ELEVATION OF ALL UTILITIES SHALL BE TEST PITTED PRIOR TO CONSTRUCTION.
- THE SUBJECT PROPERTY IS ZONED RC-DEO PER THE 2/2/04 COMPREHENSIVE ZONING PLAN.
- THERE IS NO FLOODPLAIN ON THIS SITE.
- THERE ARE NO WETLANDS ON THE SITE WITHIN THE PROPOSED DEVELOPMENT AREA.
- THIS PLAN IS SUBJECT TO THE REQUIREMENTS OF THE AMENDED FIFTH EDITION OF THE SUBDIVISION AND LAND DEVELOPMENT REGULATIONS.
- PREVIOUS DEPARTMENT OF PLANNING AND ZONING REFERENCES ARE BA 03-055.
- THE CONDITIONAL USE FOR A STRUCTURE USED PRIMARILY FOR RELIGIOUS ACTIVITIES IN A RC-DEO ZONING DISTRICT, PER BOARD OF APPEALS CASE NO. 03-055C WAS GRANTED ON 3/15/2004 SUBJECT TO THE FOLLOWING CONDITIONS:  
1. THE PETITIONER MUST EXPAND THE PARKING AREA AS NECESSARY TO ACCOMMODATE NINE PARKING SPACES.  
2. THE PETITIONER MUST INSTALL A TYPE "E" OR EQUIVALENT LANDSCAPE BUFFER BETWEEN THE PARKING AREA AND THE NORTHERN LOT LINE.  
21. THE EXISTING SITE LIGHTING CONSISTS OF DUAL 75 WATT FLOODLIGHTS AT THE WEST CORNERS OF THE HOUSE THAT ARE DIRECTED TOWARDS THE GROUND. ALL EXTERIOR ILLUMINATION SHALL BE DIRECTED DOWNWARD AND AWAY FROM ALL ADJACENT PROPERTIES.  
22. FOREST CONSERVATION FOR THE SITE WILL BE ADDRESSED THROUGH PAYMENT OF A FEE-IN-LIEU FOR 0.75 ACRES OF AFFORESTATION IN THE AMOUNT OF \$16,335.  
23. THE PLAN HAS BEEN PREPARED IN ACCORDANCE WITH THE PROVISIONS OF SECTION 16.124 OF THE HOWARD COUNTY CODE AND THE LANDSCAPE MANUAL.  
24. A LANDSCAPE SURETY IN THE AMOUNT OF \$18,090 HAS BEEN INCLUDED WITH THE DEVELOPER'S AGREEMENT.

**SITE ANALYSIS DATA CHART**

- TOTAL PROJECT AREA: 5.00 AC±
- AREA OF PLAN SUBMISSION: 0.87± ACRES
- EXISTING USE: RESIDENTIAL/RELIGIOUS ACTIVITIES
- PROPOSED USE: RESIDENTIAL/RELIGIOUS ACTIVITIES
- EXISTING BUILDING COVERAGE: 2,936 S.F. (1.3% COVERAGE)
- PROPOSED BUILDING COVERAGE: 3,094 S.F. (1.4% COVERAGE)
- PARKING COMPUTATIONS:  
NUMBER OF PARKING SPACES REQUIRED:  
10 SPACE PER 1,000 S.F. OF ASSEMBLY AREA  
870 S.F. ASSEMBLY AREA = 9 SPACES W/  
1 HC SPACE  
8. EXISTING PARKING SPACES: N.A. AREA NOT STRIPED  
9. PROPOSED PARKING SPACES: 13 SPACES W/ 1 HC SPACE  
10. LIMIT OF DISTURBED AREA: 0.78± ACRES  
11. EXISTING ZONING: RC-DEO  
12. ADDITIONAL IMPERVIOUS AREA: 20,909± S.F.

**INDEX OF DRAWINGS**

SHT. NO.	DESCRIPTION
1	SITE PLAN
2	SITE, PROFILES, DETAILS AND SWM D.A. MAP
3	SEDIMENT & EROSION CONTROL PLAN
4	SEDIMENT AND EROSION CONTROL NOTES & DETAILS
5	FINAL LANDSCAPE PLAN

**BENCH MARKS**

10HS  
BRASS DISC IN CONC.  
N 601,201.818  
E 1,339,637.671  
ELEV. 522.71

10HA  
BRASS DISC IN CONC.  
N 601,206.599  
E 1,340,912.362  
ELEV. 484.01

DESIGN AND DRAWINGS ARE BASED ON MARYLAND  
COORDINATE SYSTEM (MCS). HORIZONTAL - NAD 83/91  
VERTICAL - NAVD 88

**NOTES:**

- THE EXISTING FEATURES WITHIN THE DEVELOPMENT ENVELOPE ON THIS DRAWING WERE GENERATED FROM FIELD TOPOGRAPHY COMPLETED BY BRIAN R. DIETZ, PROFESSIONAL LAND SURVEYOR ON 10/22/2004.
- BOUNDARY INFORMATION PROVIDED BY BRIAN R. DIETZ, PROFESSIONAL LAND SURVEYOR.

**TRAFFIC CONTROL NOTES**

- ALL ROAD WORK SHALL BE IN ACCORDANCE WITH MARYLAND SHA STANDARDS 104.04 AND 104.31 FOR TRAFFIC CONTROL.
- PAVEMENT MARKINGS IN OLD FREDERICK ROAD SHALL BE MODIFIED OR INSTALLED AS DIRECTED BY THE STATE INSPECTOR.

APPROVED: DEPARTMENT OF PLANNING AND ZONING

Chief, Development Engineering Division: *[Signature]* Date: 11/2/05

Chief, Division of Land Development: *[Signature]* Date: 12/21/05

Director: *[Signature]* Date: 12/21/05

APPROVED: FOR PRIVATE WATER AND PRIVATE SEWER SYSTEMS

County Health Officer: *[Signature]* Date: 12/16/05

Howard County Health Department

**Richardson Engineering, LLC**

110 Old Padonia Road, Suite LC  
Cockeysville, Maryland 21030  
Phone: 410-560-1502 Fax: 410-560-0827

*[Professional Engineer Seal]*

**OWNERS/DEVELOPERS**

DALL YONG LEE & SOO LEE  
11424 OLD FREDERICK ROAD  
MARRIOTTSVILLE, MARYLAND 21104  
PHONE: 410-442-1983

**HOSANNA BAPTIST CHURCH**  
(PARKING LOT ADDITION)  
SITE DEVELOPMENT PLANS  
SITE MAP

THIRD ELECTION DISTRICT HOWARD COUNTY, MARYLAND

DESIGNED BY: J.P.D.	SCALE: AS SHOWN	TAX MAP: 10	A.D.C. MAP 5	JOB # 04063	SHEET 1
DRAWN BY: J.P.D.	DEED REF. 3000/463	GRID 21	PLAT REF. 25/64	FILES: D:\JOBS\2004\04063\DRAWINGS\SHEET1.dwg	NO. OF 5
CHECKED BY: J.P.D.	PARCEL 272	GRID K-13	DATE 11/27/07	DATE REVISION	BY

DRAWING COMPLETED 10-18-05